



4 GB Microdrive with PC Card

User's Guide

Note: Before using this information and the product it supports, read the information in Appendix B, "Service and Support," on page B-1, Appendix C, "IBM Statement of Limited Warranty - Z125-4753-07 - 11/2002," on page C-1, and Appendix D, "Notices," on page D-1.

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Preface

This manual contains the product description for installing and using the 4 GB Microdrive® storage card. The manual is divided into two parts:

Part 1: Installation guide

This guide contains the product description and installation instructions in the following languages:

- Brazilian Portuguese
- Czech
- English
- French
- German
- Italian
- Japanese
- Simplified Chinese
- Slovak
- Spanish
- Traditional Chinese
- Turkish

Part 2: Appendixes

The appendixes contain product specifications, help and service information, the product warranties, and notices.

Note: The illustrations in this manual might be slightly different from your hardware.

Registering your option

Thank you for purchasing this IBM® product. Please take a few moments to register your product and provide us with information that will help IBM to better serve you in the future. Your feedback is valuable to us in developing products and services that are important to you, as well as in developing better ways to communicate with you. Register your option on the IBM Web site at

<http://www.ibm.com/pc/register/>

IBM will send you information and updates on your registered product unless you indicate on the Web site questionnaire that you do not want to receive further information.

Installation and user's guide

This section contains the product description, handling precautions, installation requirements, installation instructions, and removal instructions.

Product description

The 4 GB Microdrive with PC Card is a CF+ Type II device that is supported by Microsoft® Windows® 2000 Professional, Windows XP Pro, or Windows XP Home. You can insert the Microdrive storage card into a CF+Type II slot or a PCMCIA Type II adapter that has an ejection mechanism.

The following items are included in the option package:

- 4 GB Microdrive storage card
- PC Card adapter
- 4 GB Microdrive User's Guide

Handling precautions

Use the following precautions when handling the Microdrive storage card:

- Transport the Microdrive storage card only in the plastic case that comes with the option package.
- Do not drop the Microdrive storage card.
- Do not get the Microdrive storage card wet.
- Do not place the Microdrive storage card near a strong magnetic field.
- Do not expose the Microdrive storage card to extreme temperatures.
- Do not insert the Microdrive storage card into a CF+ Type II slot that does not have an ejection mechanism.

- Do not squeeze the external covers of the Microdrive storage card.
- Do not apply additional labels to the Microdrive storage card.
- Do not remove the Microdrive storage card label.
- Only write on the small area of white space on the 4GB Microdrive storage card label that is designated as a writable area. Do not write on any other part of the Microdrive storage card label.
- Use care whenever you remove the Microdrive storage card from the computer; the Microdrive storage card might be warm after operation.

Installation requirements

Before you install the Microdrive storage card, be sure that your computer meets the following requirements:

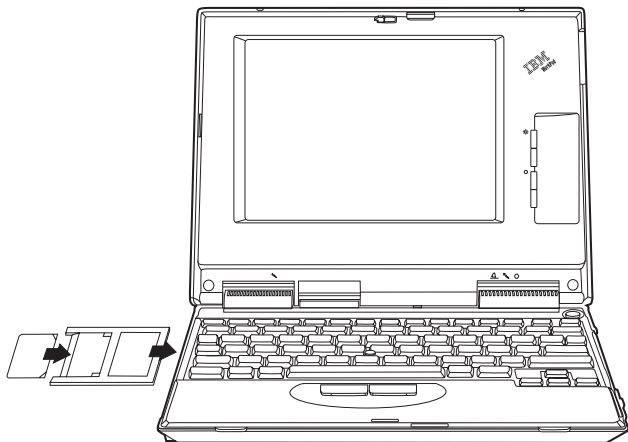
- Windows 2000, Windows XP Pro, or Windows XP Home
- CF+ Type II slot or PCMCIA Type II adapter

Installation instructions

To install the Microdrive storage card, do the following:

1. Turn on your computer and start the operating system.

2. Align the arrow mark on the Microdrive storage card with the arrow mark on the PC Card adapter.



3. Insert the Microdrive storage card carefully and firmly into the PC Card adapter.
4. Insert the PC Card adapter into a PCMCIA slot, following the PC Card adapter instructions that come with the computer. Be sure to grasp the PC Card adapter instead of the Microdrive storage card when you insert or remove the PC Card adapter from the computer. Windows will automatically detect and install the Microdrive storage card. If Windows does not detect the Microdrive storage card, repeat steps 1-4.

Removal instructions

To safely remove the Microdrive storage card, follow these steps:

1. From your task bar, select **Safely Remove Hardware**.
2. Select **Safely Remove Microdrive**.
3. Wait for the message **It is now safe to remove the Microdrive** to appear
4. Once this message appears, you can safely remove the Microdrive storage card from your machine.

Guide d'installation et d'utilisation

Cette section contient la description du produit, des indications sur les précautions de manipulation, la configuration requise pour l'installation, et les instructions d'installation et de retrait.

Description du produit

L'unité de stockage Microdrive de 4 Go avec carte PC Card est une unité CF+ de Type II qui est prise en charge par Microsoft Windows 2000 Professional, Windows XP Pro et Windows XP Home. Vous pouvez insérer cette carte de stockage dans un emplacement CF+Type II ou dans une carte PCMCIA Type II possédant un dispositif d'éjection.

L'option comprend les éléments suivants :

- Carte de stockage Microdrive de 4 Go
- Carte PC Card
- Guide d'utilisation

Précautions pour la manipulation

Lorsque vous manipulez la carte de stockage Microdrive, tenez compte des observations suivantes :

- Pour le transport de la carte de stockage Microdrive, utilisez uniquement le boîtier en plastique fourni avec l'option.
- Ne faites pas tomber la carte Microdrive.
- Gardez la carte Microdrive à l'abri de l'humidité.
- Ne placez pas la carte Microdrive près d'un champ magnétique puissant.
- N'exposez pas la carte Microdrive à des températures extrêmes.

- N'insérez pas la carte Microdrive dans un emplacement CF+ Type II ne comportant pas de dispositif d'éjection.
- N'exercez pas de pression sur l'enveloppe de la carte Microdrive.
- N'apposez pas d'étiquettes sur la carte Microdrive.
- Ne retirez pas l'étiquette de la carte Microdrive.
- N'écrivez que sur la partie blanche de l'étiquette de la carte Microdrive 4 Go spécialement réservée à cet effet. Vous ne devez écrire sur aucune autre partie de l'étiquette de la carte.
- Faites attention lorsque vous retirez la carte Microdrive de l'ordinateur ; après utilisation, elle peut avoir une température élevée.

Configuration requise

Avant d'installer la carte de stockage Microdrive, assurez-vous que votre ordinateur possède la configuration suivante :

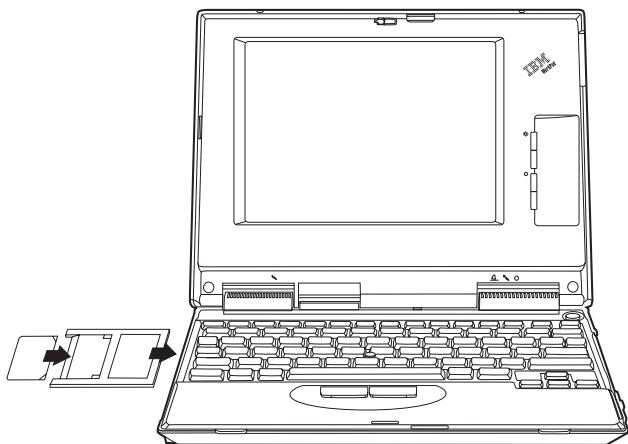
- Windows 2000, Windows XP Pro ou Windows XP Home
- Emplacement CF+ Type II ou carte PCMCIA Type II

Instructions d'installation

Pour installer la carte de stockage Microdrive, procédez comme suit :

1. Mettez l'ordinateur sous tension et démarrez le système d'exploitation.

- Alignez la flèche située sur la carte Microdrive sur la flèche de la carte PC Card.



- Insérez avec soin la carte Microdrive dans la carte PC Card.
- Insérez la carte PC Card dans l'emplacement PCMCIA, en suivant les instructions concernant cette carte fournies avec l'ordinateur. Lors de l'insertion ou du retrait de la carte PC Card de l'ordinateur, saisissez la carte PC Card et non la carte Microdrive.

Windows détecte automatiquement la carte de stockage Microdrive et procède à son installation. Si Windows ne détecte pas la carte Microdrive, recommencez les étapes 1 à 4.

Instructions de retrait

Pour retirer la carte de stockage Microdrive en toute sécurité, procédez comme suit :

1. A partir de la barre des tâches, sélectionnez **Safely Remove Hardware**.
2. Sélectionnez **Safely Remove Microdrive**.
3. Attendez l'affichage du message **It is now safe to remove the Microdrive**, qui indique que vous pouvez retirer la carte en toute sécurité.
4. Vous pouvez maintenant retirer la carte Microdrive de l'ordinateur.

Installazione e guida per l'utente

Questa sezione contiene la descrizione del prodotto, le istruzioni per l'installazione e le informazioni funzionali.

Descrizione del prodotto

Microdrive da 4 GB con scheda PC è un'unità CF+ II supportata da Microsoft Windows 2000 Professional, Windows XP Pro o Windows XP Home. E' possibile inserire la scheda Microdrive in un alloggiamento CF+ II o un adattatore PCMCIA II che dispone di un meccanismo a espulsione.

Il pacchetto delle opzioni contiene i seguenti elementi:

- Scheda Microdrive da 4 GB
- Adattatore di scheda PC
- Guida per l'utente - Microdrive da 4 GB

Precauzioni per l'uso

Seguire le norme di precauzione riportate di seguito quando si utilizza la scheda Microdrive:

- Durante il trasporto, non estrarre Microdrive dalla custodia in plastica fornita con il pacchetto di opzione.
- Non lasciare cadere la scheda Microdrive.
- Non bagnare la scheda Microdrive.
- Non posizionare la scheda Microdrive vicino a un forte campo magnetico.
- Non esporre la scheda Microdrive a temperature troppo elevate.
- Non inserire la scheda Microdrive in un alloggiamento CF+ II senza meccanismo a espulsione.
- Non danneggiare la copertura esterna della scheda Microdrive.

- Non applicare ulteriori etichette sulla scheda Microdrive.
- Non rimuovere l'etichetta della scheda Microdrive.
- Scrivere solo nell'area bianca riservata all'etichetta della scheda Microdrive da 4 GB, indicata come area di scrittura. Non scrivere su nessun'altra parte dell'etichetta.
- Estrarre Microdrive dal computer con molta attenzione; la scheda Microdrive potrebbe essere calda dopo l'utilizzo.

Requisiti di installazione

Prima di installare Microdrive, accertarsi che il computer soddisfi i seguenti requisiti:

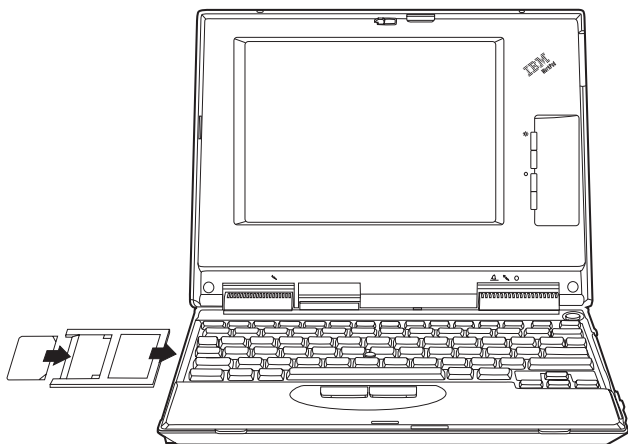
- Windows 2000, Windows XP Pro o Windows XP Home
- Alloggiamento CF+ II o adattatore II PCMCIA

Istruzioni per l'installazione

Per installare Microdrive, effettuare le seguenti operazioni:

1. Avviare il computer e il sistema operativo.

2. Allineare la freccia della scheda Microdrive con la freccia sull'adattatore della scheda PC.



3. Inserire con cautela Microdrive nella scheda di rete PC.
4. Inserire l'adattatore di scheda PC nell'alloggiamento PCMCIA, seguendo le istruzioni dell'adattatore di scheda fornite con il computer. Fare attenzione ad afferrare l'adattatore di scheda PC e non Microdrive quando si inserisce o si rimuove l'adattatore di scheda PC dal computer.

Windows rileverà ed installerà automaticamente Microdrive. Se Windows non rileva Microdrive, ripetere i passi 1-4.

Istruzioni per la rimozione

Per rimuovere la scheda Microdrive, attenersi alla seguente procedura:

1. Dalla barra delle applicazioni, selezionare l'opzione di **rimozione hardware**.
2. Selezionare quindi l'opzione di **rimozione Microdrive**.
3. Attendere la visualizzazione del messaggio che consente di **rimuovere Microdrive in modo sicuro**.
4. Dopo la visualizzazione di questo messaggio è possibile rimuovere la scheda Microdrive dalla macchina.

Installations- und Benutzerhandbuch

Dieser Abschnitt enthält die Produktbeschreibung, Vorsichtsmaßnahmen bei der Handhabung, Installationsanforderungen, Installationsanweisungen und Anweisungen zum Entfernen.

Produktbeschreibung

Beim 4 GB Microdrive mit PC-Karte handelt es sich um eine CF+-Einheit vom Typ II, die von Microsoft Windows 2000 Professional, Windows XP Pro und Windows XP Home unterstützt wird. Sie können die Microdrive-Speicherkarte in einen CF+-Steckplatz vom Typ II oder einen PCMCIA-Adapter vom Typ II mit Auswurfmechanismus einsetzen.

Folgendes ist in diesem Zusatzpaket enthalten:

- 4 GB Microdrive-Speicherkarte
- PC-Karten-Adapter
- 4 GB Microdrive-Benutzerhandbuch

Vorsichtsmaßnahmen im Umgang mit dem Microdrive

Beachten Sie beim Umgang mit der Microdrive-Speicherkarte folgende Vorsichtsmaßnahmen:

- Lassen Sie die Microdrive-Speicherkarte beim Transport in der Plastikhülle, die im Lieferumfang des Zusatzpakets enthalten ist.
- Lassen Sie die Microdrive-Speicherkarte nicht fallen.
- Setzen Sie die Microdrive-Speicherkarte keiner Feuchtigkeit aus.
- Bewahren Sie die Microdrive-Speicherkarte nicht in der Nähe eines starken Magnetfeldes auf.

- Setzen Sie die Microdrive-Speicherkarte keinen extremen Temperaturen aus.
- Setzen Sie die Microdrive-Speicherkarte nicht in einen CF+-Steckplatz vom Typ II ohne Auswurfmechanismus ein.
- Üben Sie keinen Druck auf die äußere Verkleidung der Microdrive-Speicherkarte aus.
- Kleben Sie keine zusätzlichen Etiketten auf die Microdrive-Speicherkarte.
- Entfernen Sie nicht das Etikett der Microdrive-Speicherkarte.
- Schreiben Sie nur auf den kleinen weißen Bereich auf dem Etikett der 4 GB Microdrive-Speicherkarte, der als Beschriftungsbereich ausgewiesen ist. Schreiben Sie in keinen anderen Bereich auf dem Etikett der Speicherkarte.
- Gehen Sie beim Entnehmen der Microdrive-Speicherkarte aus dem Computer vorsichtig vor, da die Microdrive-Speicherkarte sich möglicherweise durch den Betrieb erhitzt hat.

Installationsvoraussetzungen

Vor dem Installieren der Microdrive-Speicherkarte müssen Sie sicherstellen, dass Ihr Computer die folgenden Voraussetzungen erfüllt:

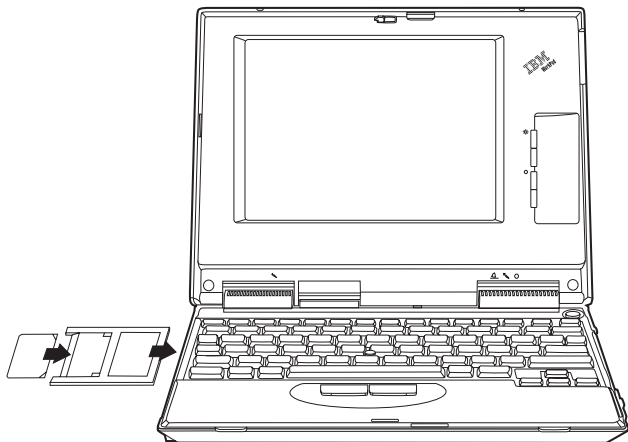
- Windows 2000, Windows XP Pro oder Windows XP Home
- CF+-Steckplatz vom Typ II oder PCMCIA-Adapter vom Typ II

Installationsanweisungen

Gehen Sie zum Installieren der Microdrive-Speicherkarte wie folgt vor:

1. Schalten Sie den Computer ein, und starten Sie das Betriebssystem.

2. Richten Sie den Markierungspfeil auf der Microdrive-Speicherkarte mit dem Markierungspfeil auf dem PC-Karten-Adapter aus.



3. Legen Sie die Microdrive-Speicherkarte sorgfältig und sicher in den PC-Karten-Adapter ein.
4. Setzen Sie den PC-Karten-Adapter in einen PCMCIA-Steckplatz ein. Verwenden Sie hierzu die Anweisungen zum PC-Karten-Adapter, die im Lieferumfang Ihres Computers enthalten sind. Stellen Sie sicher, dass Sie den PC-Karten-Adapter nicht mit der Microdrive-Speicherkarte verwechseln, wenn Sie den PC-Karten-Adapter in den Computer installieren oder ihn entnehmen.

Die Microdrive-Speicherkarte wird von Windows automatisch erkannt und installiert. Wenn Windows die Microdrive-Speicherkarte nicht erkennt, wiederholen Sie Schritt 1 bis 4.

Anweisungen zum Entfernen

Gehen Sie zum Entfernen der Microdrive-Speicherkarte wie folgt vor:

1. Wählen Sie aus der Taskleiste die Option zum sicheren Entfernen von Hardware aus.
2. Wählen Sie die Option zum sicheren Entfernen von Microdrive aus.
3. Warten Sie darauf, dass eine Nachricht darüber angezeigt wird, dass Microdrive jetzt sicher entfernt werden kann.
4. Sobald diese Nachricht angezeigt wird, können Sie die Microdrive-Speicherkarte sicher aus der Maschine entfernen.

Guía del usuario y de instalación

Este apartado contiene la descripción del producto, las precauciones de manipulación, los requisitos de instalación, las instrucciones de instalación y las instrucciones de extracción.

Descripción del producto

La tarjeta Microdrive de 4 GB con PC Card es un dispositivo CF+ de Tipo II compatible con Microsoft Windows 2000 Professional, Windows XP Pro o Windows XP Home. Puede insertar la tarjeta de almacenamiento Microdrive en una ranura CF+ de Tipo II o en un adaptador PCMCIA de Tipo II que tenga mecanismo de expulsión.

En el paquete de la opción se incluyen los elementos siguientes:

- Una tarjeta de almacenamiento Microdrive de 4 GB
- Un adaptador PC Card
- La publicación Microdrive de 4 GB Guía del usuario

Precauciones de manipulación

Tome las precauciones siguientes al manipular la tarjeta de almacenamiento Microdrive:

- Transporte la tarjeta de almacenamiento Microdrive únicamente dentro de la caja de plástico suministrada con el paquete de la opción.
- No deje caer la tarjeta de almacenamiento Microdrive.
- No moje la tarjeta de almacenamiento Microdrive.
- No coloque la tarjeta de almacenamiento Microdrive cerca de un campo magnético potente.
- No exponga la tarjeta de almacenamiento Microdrive a temperaturas extremas.

- No inserte la tarjeta de almacenamiento Microdrive en una ranura CF+ de Tipo II que no tenga mecanismo de expulsión.
- No estruje las cubiertas externas de la tarjeta de almacenamiento Microdrive.
- No pegue etiquetas adicionales a la tarjeta de almacenamiento Microdrive.
- No retire la etiqueta de la tarjeta de almacenamiento Microdrive.
- Escriba sólo en el área pequeña del espacio en blanco que hay en la etiqueta de la tarjeta de almacenamiento Microdrive de 4 GB, que es el área designada para escribir. No escriba en ningún otro lugar de la etiqueta de la tarjeta de almacenamiento Microdrive.
- Vaya con cuidado siempre que extraiga la tarjeta de almacenamiento Microdrive del sistema; la tarjeta puede estar caliente tras su funcionamiento.

Requisitos de instalación

Antes de instalar la tarjeta de almacenamiento Microdrive, asegúrese de que el sistema cumpla los requisitos siguientes:

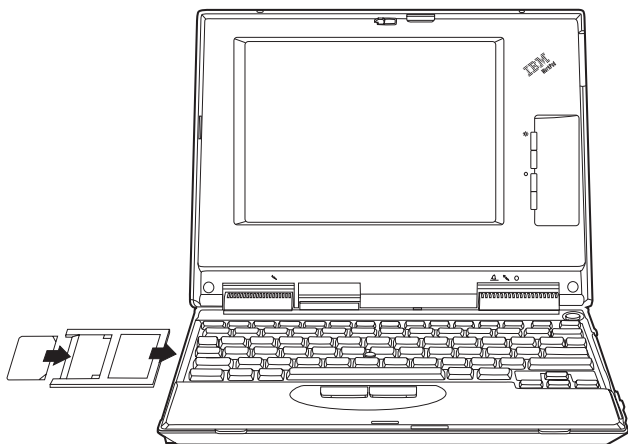
- Windows 2000, Windows XP Pro o Windows XP Home
- Una ranura CF+ de Tipo II o un adaptador PCMCIA de Tipo II

Instrucciones de instalación

Para instalar la tarjeta de almacenamiento Microdrive, siga las siguientes instrucciones:

1. Encienda el sistema e inicie el sistema operativo.

2. Alinee la marca de flecha de la tarjeta de almacenamiento Microdrive con la marca de flecha del adaptador PC Card.



3. Con cuidado, inserte bien la tarjeta de almacenamiento Microdrive en el adaptador PC Card.
4. Inserte el adaptador PC Card en una ranura PCMCIA siguiendo las instrucciones del adaptador PC Card suministradas con el sistema. Asegúrese de sujetar el adaptador PC Card en lugar de la tarjeta de almacenamiento Microdrive cuando inserte el adaptador PC Card en el sistema o lo extraiga del mismo.

Windows detectará e instalará la tarjeta de almacenamiento Microdrive automáticamente. Si Windows no detecta la tarjeta de almacenamiento Microdrive, repita los pasos 1 a 4.

Instrucciones de extracción

Para extraer la tarjeta de almacenamiento Microdrive con seguridad, realice estos pasos:

1. En la barra de tareas, seleccione **Quitar hardware con seguridad**.
2. Seleccione **Extracción segura de Microdrive**.
3. Espere a que aparezca el mensaje **Ahora se puede quitar con toda seguridad el dispositivo Microdrive del sistema**.
4. Cuando aparezca el mensaje, puede extraer la tarjeta de almacenamiento Microdrive del sistema con seguridad.

Guia do Usuário e Instalação

Esta seção contém a descrição do produto, precauções com a manipulação, requisitos de instalação, instruções sobre instalação e remoção.

Descrição do Produto

O Microdrive de 4 GB com PC Card é um dispositivo CF+ Tipo II suportado pelo Microsoft Windows 2000 Professional, Windows XP Pro ou Windows XP Home. Você pode inserir o cartão de armazenamento do Microdrive em um slot CF+ Tipo II ou uma placa PCMCIA Tipo II que possui um mecanismo de ejeção.

Os itens a seguir estão incluídos no pacote opcional:

- Cartão de armazenamento do Microdrive de 4 GB
- Adaptador de PC Card
- Guia do Usuário do Microdrive de 4 GB

Tomando Precauções

Utilize as seguintes precauções ao manusear o cartão de armazenamento Microdrive:

- Transporte o cartão de armazenamento Microdrive apenas na embalagem plástica que acompanha o pacote do opcional.
- Não solte o cartão de armazenamento Microdrive.
- Não molhe o cartão de armazenamento Microdrive.
- Não coloque o cartão de armazenamento Microdrive próximo a um campo magnético forte.
- Não exponha o cartão de armazenamento Microdrive à temperaturas extremas.

- Não insira o cartão de armazenamento Microdrive em um slot CF+ Tipo II que não possua um mecanismo de ejeção.
- Não aperte as tampas externas do cartão de armazenamento Microdrive.
- Não cole etiquetas adicionais ao cartão de armazenamento Microdrive.
- Não remova a etiqueta do cartão de armazenamento Microdrive.
- Escreva apenas no pequeno espaço em branco na etiqueta do cartão de armazenamento Microdrive de 4 GB que é designado como área para escrita. Não escreva em nenhuma outra parte da etiqueta do cartão de armazenamento Microdrive.
- Seja cuidadoso ao remover o cartão de armazenamento Microdrive do computador; ele poderá estar quente após a operação.

Requisitos de Instalação

Antes de instalar o cartão de armazenamento Microdrive, certifique-se de que seu computador possui os seguintes requisitos:

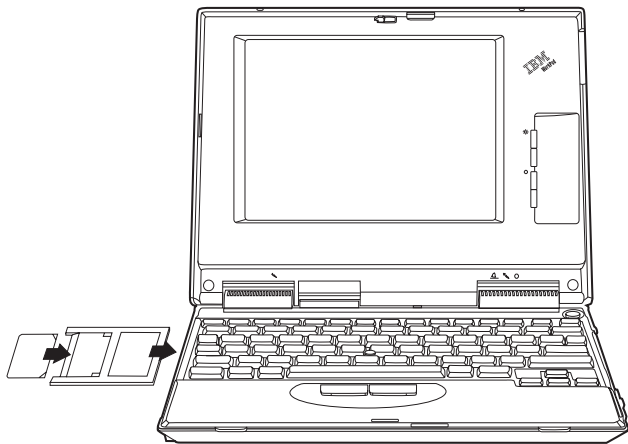
- Windows 2000, Windows XP Pro ou Windows XP Home
- Slot CF+ Tipo II ou placa PCMCIA Tipo II

Instruções sobre Instalação

Para instalar o cartão de armazenamento Microdrive, faça o seguinte:

1. Ligue o computador e inicie o sistema operacional.

2. Alinhe a seta do cartão de armazenamento Microdrive com a seta na placa PC Card.



3. Insira o cartão de armazenamento Microdrive cuidadosa e firmemente na placa PC Card.
4. Insira a placa PC Card em um slot PCMCIA, seguindo as instruções da placa PC Card que acompanha o computador. Certifique-se de pegar a placa PC Card ao invés do cartão de armazenamento Microdrive ao inserir ou remover a placa PC Card do computador. O Windows detectará automaticamente e instalará o cartão de armazenamento Microdrive. Se o Windows não detectar o cartão de armazenamento Microdrive, repita as etapas 1-4.

Instruções sobre Remoção

Para remover o cartão de armazenamento Microdrive com segurança, siga estas etapas:

1. Na barra de tarefas, selecione **Remove Hardware com Segurança**.
2. Selecione **Remove Microdrive com segurança**.
3. Aguarde a mensagem **Agora você pode remover o Microdrive com segurança** aparecer
4. Após esta mensagem aparecer, você pode remover com segurança o cartão de armazenamento Microdrive da máquina.

Instalace a uživatelská příručka

Tato část obsahuje popis produktu, pokyny pro použití, požadavky pro instalaci a návod k instalaci a k odebrání.

Popis produktu

Karta 4 GB Microdrive je zařízení typu CF+ Type II, které je podporováno systémy Microsoft Windows 2000 Professional, Windows XP Pro a Windows XP Home. Kartu Microdrive je možné vložit do pozice CF+Type II nebo adaptéru PCMCIA Type II, které mají vysouvací mechanismus.

V dodávka jsou následující položky:

- karta 4 GB Microdrive
- adaptér PC Card
- uživatelská příručka karty 4 GB Microdrive

Pokyny pro používání

Při používání karty Microdrive dodržujte následující pokyny:

- Kartu Microdrive přenášejte v plastickém obalu, který je součástí dodávky.
- Kartu Microdrive neupusťte.
- Udržujte kartu Microdrive v suchu.
- Neodkládejte kartu Microdrive do blízkosti silného magnetického pole.
- Nevystavujte kartu Microdrive extrémním teplotám.
- Kartu Microdrive nevkládejte do pozice CF+ Type II, která nemá vysouvací mechanismus.
- Nepromačkávejte vnější kryt karty Microdrive.
- Nelepte na kartu Microdrive další nálepky.
- Neodstraňujte nálepku karty Microdrive.

- Nepište na kartu 4 GB Microdrive kromě malé bílé oblasti na nálepce, které je určena pro psaní. Na jiné části nálepky karty Microdrive nepište.
- Kartu Microdrive vyjímejte z počítače opatrně, protože může být po používání zahřátá.

Požadavky pro instalaci

Před instalací paměťové karty Microdrive ověřte, že počítač splňuje následující požadavky:

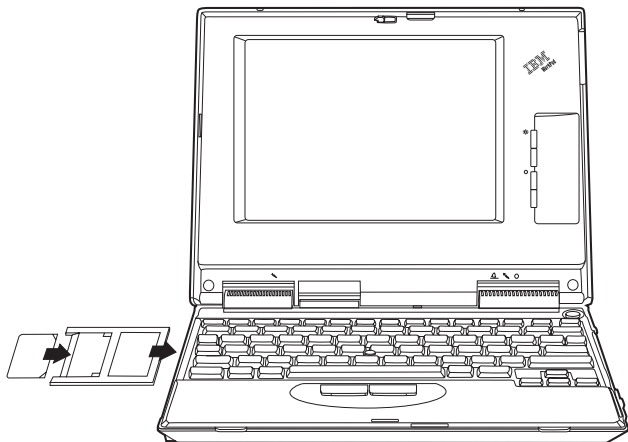
- Windows 2000, Windows XP Pro nebo Windows XP Home
- pozice CF+ Type II nebo adaptér PCMCIA Type II

Návod k instalaci

Paměťovou kartu Microdrive instalujte takto:

1. Zapněte počítač a spusťte operační systém.

2. Srovnejte šipku na kartě Microdrive se šipkou na adaptéru PC Card.



3. Kartu Microdrive opatrně zasuňte do adaptéru PC Card.
4. Vložte adaptér PC Card do pozice PCMCIA podle návodu pro adaptér PC Card k vašemu počítači. Při vkládání a odebírání adaptéru PC Card z počítače uchopte adaptér a nikoliv kartu Microdrive.

Windows automaticky zjistí přítomnost karty Microdrive a provedou její instalaci. Pokud Windows nezjistí, že byla karta Microdrive vložena, opakujte kroky 1-4.

Návod k odebrání

Kartu Microdrive odstraníte takto:

1. Použijte **Bezpečně odebrat hardware** v systémové oblasti hlavního panelu.
2. Použijte **Bezpečně odebrat Microdrive**.

3. Počkejte na zobrazení zprávy **Nyní je možné zařízení Microdrive bezpečně odebrat.**
4. Po zobrazení této zprávy je možné kartu Microdrive z počítače bezpečně odebrat.

Inštalčná a užívateľská príručka

Táto časť obsahuje opis produktu, upozornenia o zaobchádzaní, inštalčné požiadavky, inštalčné pokyny a pokyny na odstránenie.

Opis produktu

4 GB Microdrive s kartou PC Card je zariadenie CF+ Type II, ktoré podporujú operačné systémy Microsoft Windows 2000 Professional, Windows XP Pro a Windows XP Home. Pamäťovú kartu Microdrive môžete vložiť do slotu CF+Type II alebo adaptéra PCMCIA Type II, ktorý má výsuvný mechanizmus.

Nasledujúce položky sú súčasťou balenia pamäťovej karty Microdrive:

- 4 GB pamäťová karta Microdrive
- Adaptér PC Card
- Užívateľská príručka pre 4 GB Microdrive

Upozornenia o zaobchádzaní

Pri manipulácii s pamäťovou kartou Microdrive postupujte takto:

- Pamäťovú kartu Microdrive prenášajte výlučne v plastovom obale, ktorý je dodaný spolu s pamäťovou kartou.
- Microdrive nenechajte spadnúť.
- Microdrive nezamočte.
- Nedávajte Microdrive do blízkosti silného magnetického poľa.
- Nevystavujte Microdrive extrémnym teplotám.
- Nevkladajte pamäťovú kartu Microdrive do slotu CF+ Type II, ktorý nemá výsuvný mechanizmus.
- Nestláčajte externé kryty pamäťovej karty Microdrive.
- Nenalepujte na pamäťovú kartu Microdrive dodatočné štítky.
- Neodstraňujte štítok pamäťovej karty Microdrive.

- Píšte len na malú plochu bieleho priestoru na štítiku pamäťovej karty 4GB Microdrive, ktorá je určená na písanie. Nepíšte na žiadnu inú časť štítiku pamäťovej karty Microdrive.
- Pri vyberaní pamäťovej karty Microdrive z počítača postupujte opatrne; Microdrive môže byť horúci.

Požiadavky pre inštaláciu

Pred inštaláciou pamäťovej karty Microdrive sa uistite, či váš počítač vyhovuje nasledujúcim požiadavkám:

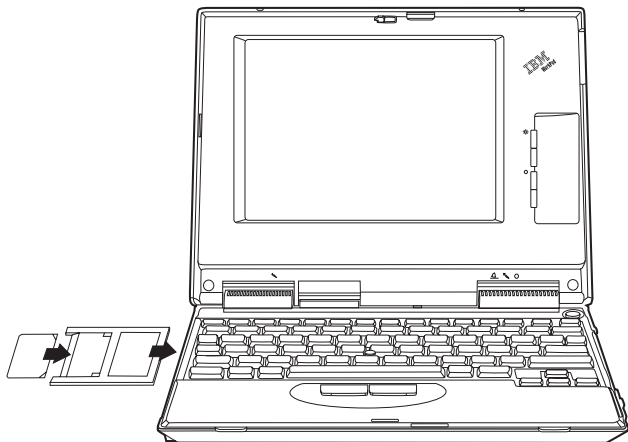
- Windows 2000, Windows XP Pro alebo Windows XP Home
- Slot CF+ Type II alebo adaptér PCMCIA Type II

Inštaláčn  pokyny

Ak chcete nainštalovať pamäťovú kartu Microdrive, postupujte podľa nasledujúcich pokynov:

1. Zapnite počítač a spustite operačný systém.

2. Zarovnajete značku šípky na pamäťovej karte Microdrive so značkou šípky na adaptéri karty PC Card.



3. Opatrne a dôkladne vložte pamäťovú kartu Microdrive do adaptéra PC Card.
4. Vložte adaptér PC Card do slotu PCMCIA. Postupujte podľa pokynov pre adaptér PC Card, ktoré boli dodané s počítačom. Keď vkladáte alebo odstraňujete adaptér PC Card z počítača, držte adaptér PC Card a nie pamäťovú kartu Microdrive.

Windows automaticky zistí a nainštaluje pamäťovú kartu Microdrive. Ak Windows nezistí pamäťovú kartu Microdrive, zopakujte kroky 1-4.

Pokyny na odstránenie

Pre bezpečné odstránenie pamäťovej karty Microdrive vykonajte tieto kroky:

1. Z lišty úloh vyberte **Safely Remove Hardware**.
2. Vyberte **Safely Remove Microdrive**.
3. Počkajte, kým sa objaví správa **It is now safe to remove the Microdrive**
4. Keď sa objaví táto správa, môžete bezpečne odstrániť pamäťovú kartu Microdrive z počítača.

Kuruluş ve Kullanıcı Kılavuzu

Bu bölümde, ürün tanımı, kullanma önlemleri, kuruluş gereksinimleri, kuruluş yöntemleri ve kaldırma yöntemleri yer alır.

Ürün Tanımı

PC Kartı içeren 4 GB Microdrive, Microsoft Windows 2000 Professional, Windows XP Pro ya da Windows XP Home tarafından desteklenen bir CF+ Tip II aygıttır. Microdrive depolama kartını, bir çıkartma düzeneği olan CF+Tip II yuvasına ya da bir PCMCIA Tip II bağdaştırıcısına yerleştirebilirsiniz.

Seçenek paketinde aşağıdaki öğeler yer alır:

- 4 GB Microdrive depolama kartı
- PC Kartı bağdaştırıcısı
- 4 GB Microdrive Kullanıcı Kılavuzu

Kullanma Önlemleri

Microdrive depolama kartını kullanırken, aşağıdaki önlemleri alın:

- Microdrive depolama kartını yalnızca, seçenek paketiyle gönderilen plastik çantada taşıyın.
- Microdrive depolama kartını düşürmeyin.
- Microdrive depolama kartını ıslatmayın.
- Microdrive depolama kartını güçlü bir manyetik alana yaklaştırmayın.
- Microdrive depolama kartını aşırı sıcaklıklara maruz bırakmayın.
- Microdrive depolama kartını, çıkartma düzeneği olmayan bir CF+Tip II yuvasına yerleştirmeyin.
- Microdrive depolama kartının dış kapaklarını sıkıştırmayın.
- Microdrive depolama kartına başka etiketler yapıştırmayın.
- Microdrive depolama kartı etiketini çıkarmayın.

- 4 GB Microdrive depolama kartı etiketinde yalnızca, yazılabilir bir alan olarak tasarlanan beyaz boşluklu küçük bölümüne yazı yazın. Microdrive depolama kartı etiketinin başka bölümlerine yazı yazmayın.
- Microdrive depolama kartını bilgisayardan çıkarırken dikkatli olun; Microdrive depolama kartı çalıştıktan sonra ısınmış olabilir.

Kuruluş Gereksinimleri

Microdrive depolama kartını kurmadan önce, bilgisayarınızın aşağıdaki gereksinimleri karşıladığından emin olun:

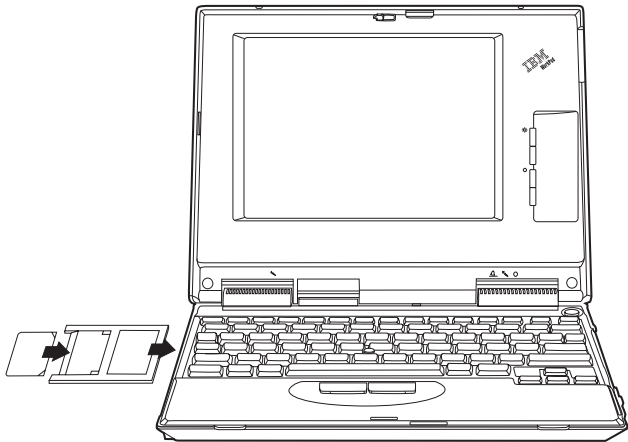
- Windows 2000, Windows XP Pro ya da Windows XP Home
- CF+ Tip II yuvası ya da PCMCIA Tip II bağdaştırıcısı

Kuruluş Yönergeleri

Microdrive depolama kartını kurmak için aşağıdaki işlemleri yapın:

1. Bilgisayarınızı açın ve işletim sistemini başlatın.

2. Microdrive depolama kartı üzerindeki ok işaretini PC Kartı'nın üzerindeki ok işaretiyle hizalayın.



3. Microdrive depolama kartını PC Kartı bağdaştırıcısına dikkatli bir şekilde ve tam olarak yerleştirin.
4. Bilgisayarla birlikte gönderilen PC Kartı bağdaştırıcısı yönergelerini izleyerek, PC Kartı bağdaştırıcısını bir PCMCIA yuvasına yerleştirin. PC Kartı bağdaştırıcısını bilgisayara yerleştirirken ya da bilgisayardan çıkarırken, Microdrive depolama kartı yerine PC Kartı bağdaştırıcısını tuttuğunuzdan emin olun.

Windows, Microdrive depolama kartını otomatik olarak saptayıp kuracaktır. Windows, Microdrive depolama kartını saptamıyorsa, 1 ile 4 arasındaki adımları yineleyin.

Kaldırma Yönergeleri

Microdrive depolama kartını güvenli bir biçimde kaldırmak için aşağıdaki adımları izleyin:

1. Görev çubuğunuzdan, **Safely Remove Hardware** (Donanımı Güvenli Biçimde Kaldır) ögesini seçin.
2. **Safely Remove Microdrive** (Microdrive'ı Güvenli Biçimde Kaldır) seçeneğini belirleyin.
3. **It is now safe to remove the Microdrive** (Microdrive aygıtını güvenli bir biçimde kaldırabilirsiniz) iletisinin görüntülenmesini bekleyin.
4. Bu ileti görüntüledikten sonra, Microdrive depolama kartını bilgisayarınızdan güvenli bir biçimde kaldırabilirsiniz.

安装和用户指南

本部分包含产品描述、操作预防措施、安装需求、安装指示信息和拆卸指示信息。

产品描述

带有 PC 卡的 4 GB Microdrive 是受 Microsoft® Windows® 2000 Professional、Windows XP Pro 或 Windows XP Home 支持的 CF+ 类型 II 设备。可以将 Microdrive 存储卡插入具有弹出装置的 CF+ 类型 II 插槽或 PCMCIA 类型 II 适配器。

选件包中包含以下物品：

- 4 GB Microdrive 存储卡
- PC 卡适配器
- 《4 GB Microdrive 用户指南》

操作预防措施

处理 Microdrive 存储卡时采用以下预防措施：

- 仅将 Microdrive 存储卡放置在随选件包一起提供的塑料盒中运输。
- 请勿跌落 Microdrive 存储卡。
- 请勿使 Microdrive 存储卡受潮。
- 请勿将 Microdrive 存储卡放置在强磁场附近。
- 请勿使 Microdrive 存储卡暴露于极端温度。
- 请勿将 Microdrive 存储卡插入不具有弹出装置的 CF+ 类型 II 插槽。
- 请勿挤压 Microdrive 存储卡的外盖。
- 请勿在 Microdrive 存储卡上粘贴其它标签。
- 请勿除去 Microdrive 存储卡标签。
- 仅在 4GB Microdrive 存储卡标签上设计成可写区域的空白小区域上书写。请勿在 Microdrive 存储器卡标签的任何其它部分上书写。

- 无论何时从计算机卸下 Microdrive 存储卡，都请尤其小心；Microdrive 存储卡在运行后会变热。

安装需求

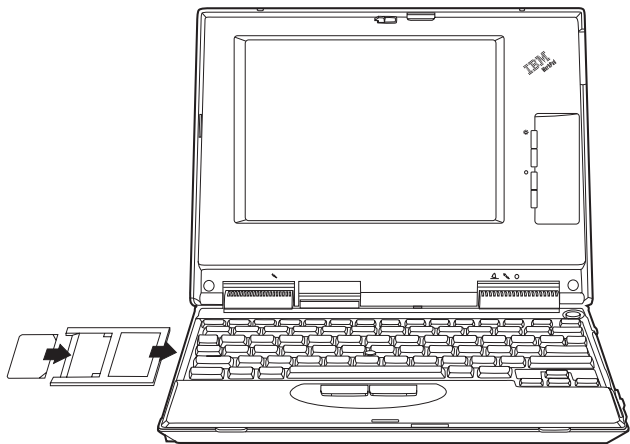
安装 Microdrive 存储卡之前，请确保您的计算机满足以下需求：

- Windows 2000、Windows XP Pro 或 Windows XP Home
- CF+ 类型 II 插槽或 PCMCIA 类型 II 适配器

安装指示信息

要安装 Microdrive 存储卡，请执行以下操作：

1. 开启计算机并且启动操作系统。
2. 将 Microdrive 存储卡上的箭头标记与 PC 卡适配器上的箭头标记对齐。



3. 将 Microdrive 存储卡小心、牢固地插入 PC 卡适配器。

4. 遵循随计算机一起提供的 PC 卡适配器指示信息，将 PC 卡适配器插入 PCMCIA 插槽。当您将 PC 卡适配器插入计算机或从计算机将其卸下时，请确保抓紧 PC 卡适配器而不是 Microdrive 存储卡。

Windows 会自动检测并且安装 Microdrive 存储卡。如果 Windows 检测不到 Microdrive 存储卡，则请重复步骤 1-4。

拆卸指示信息

要安全地卸下 Microdrive 存储卡，请遵循这些步骤：

1. 从您的任务栏选择**安全地拔出硬件**。
2. 选择**安全地拔出 Microdrive**。
3. 等待出现消息**现在可以安全地拔出 Microdrive**
4. 一旦该消息出现，您就可以从机器安全地卸下 Microdrive 存储卡。

安裝及使用手冊

本節包含產品說明、使用注意措施、安裝需求、安裝指示以及移除指示。

產品說明

4 GB Microdrive with PC Card 是一種 CF+ Type II 裝置，支援的作業系統包括 Microsoft® Windows® 2000 Professional、Windows XP Pro 或 Windows XP Home。您可以將 Microdrive 儲存體卡插入具有彈出機制的 CF+Type II 插槽或 PCMCIA Type II 配接卡。

選用設備有：

- 4 GB Microdrive 儲存體卡
- PC 卡配接卡
- 4 GB Microdrive 使用手冊

使用注意措施

處理 Microdrive 儲存體卡時，請使用下列預防措施：

- 運送 Microdrive 儲存體卡時，務必要使用選用設備包所附的塑膠盒。
- 不要讓 Microdrive 儲存體卡從高處掉落。
- 不要讓 Microdrive 儲存體卡受潮。
- 不要讓 Microdrive 儲存體卡接近強磁場。
- 不要讓 Microdrive 儲存體卡暴露在極溫中。
- 不要將 Microdrive 儲存體卡插入沒有彈出機制的 CF+ Type II 插槽。
- 不要擠壓 Microdrive 儲存體卡的外接式外殼。
- 不要在 Microdrive 儲存體卡貼上其他標籤。
- 不要撕下 Microdrive 儲存體卡標籤。
- 請只在 4GB Microdrive 儲存體卡標籤的書寫專用小區域上書寫文字。不要在 Microdrive 儲存體卡標籤其他任何部份書寫文字。

- 從電腦取下 Microdrive 儲存體卡時請小心，Microdrive 儲存體卡在作業後可能有餘溫殘留。

安裝需求

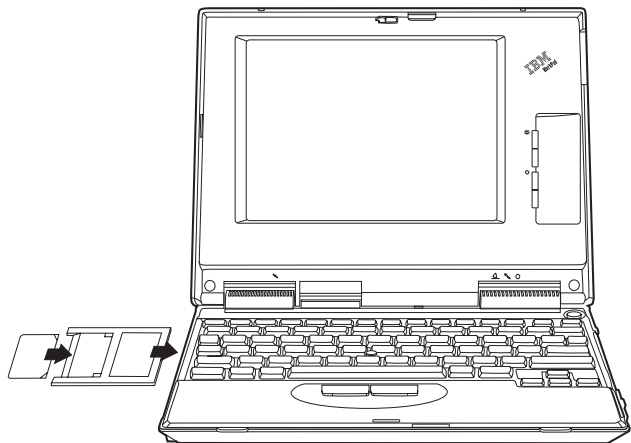
安裝 Microdrive 儲存體卡之前，請先確認電腦符合下列需求：

- Windows 2000、Windows XP Pro 或 Windows XP Home
- CF+ Type II 插槽或 PCMCIA Type II 配接卡

安裝指示

要安裝 Microdrive 儲存體卡，請執行下列步驟：

1. 開啓電腦的電源並啓動作業系統。
2. 將 Microdrive 儲存體卡上的箭號對準 PC 卡配接卡上的箭號。



3. 將 Microdrive 儲存體卡小心並穩固地插入 PC 卡配接卡。

4. 遵循電腦隨附的 PC 卡配接卡說明，將 PC 卡配接卡插入 PCMCIA 插槽。將 PC 卡配接卡插入電腦或從電腦取下 PC 卡配接卡時，請握住 PC 卡配接卡，而不是 Microdrive 儲存體卡。

Windows 會自動偵測並安裝 Microdrive 儲存體卡。如果 Windows 未偵測到 Microdrive 儲存體卡，請重複步驟 1-4。

移除指示

爲了安全移除 Microdrive 儲存體卡，請遵循下列步驟：

1. 從工作列上選取**安全地移除硬體**。
2. 選取**安全地移除 Microdrive**。
3. 等待**現在可以放心地從系統中移除 Microdrive** 訊息出現。
4. 等到訊息一出現，您就可以安全地從電腦移除 Microdrive 儲存體卡。

取り付けとユーザズ・ガイド

本書には、製品説明、取り扱い上の注意事項、取り付けのための要件、取り付け手順、および取り外し手順が記載されています。

製品説明

PC カード付き 4 GB マイクロドライブは、Microsoft® Windows® 2000 Professional、Windows XP Pro、または Windows XP Home で使用できる CF+ Type II 装置です。排出メカニズムを備えたコンピューターの CF+ Type II スロットまたは PCMCIA Type II アダプターにマイクロドライブ・ストレージ・カードを挿入できます。

オプション・パッケージには、以下の品目が含まれています。

- 4 GB マイクロドライブ・ストレージ・カード
- PC カード・アダプター
- 4 GB Microdrive User's Guide

取り扱い上の注意事項

マイクロドライブ・ストレージ・カードを取り扱うときは、以下の注意事項を守ってください。

- マイクロドライブ・ストレージ・カードを運ぶときは、必ずオプション・パッケージに付属のプラスチック・ケースに入れる。
- マイクロドライブ・ストレージ・カードを落下させない。
- マイクロドライブ・ストレージ・カードを湿らせない。
- マイクロドライブ・ストレージ・カードを強い磁界の近くに置かない。
- マイクロドライブ・ストレージ・カードを極端な温度にさらさない。
- 排出メカニズムのない CF+ Type II スロットにマイクロドライブ・ストレージ・カードを挿入しない。

- マイクロドライブ・ストレージ・カードの外部カバーに強く圧力をかけない。
- マイクロドライブ・ストレージ・カードに追加のラベルを貼り付けない。
- マイクロドライブ・ストレージ・カードのラベルをはがさない。
- 4GB マイクロドライブ・ストレージ・カードのラベルに記入するときには、書き込みのための小さな場所だけを使用する。マイクロドライブ・ストレージ・カードのラベルの他の部分には記入しない。
- マイクロドライブ・ストレージ・カードは作動後に暖くなる場合があるので、コンピューターからマイクロドライブ・ストレージ・カードを取り出す際に注意する。

取り付けのための要件

マイクロドライブ・ストレージ・カードを取り付ける前に、ご使用のコンピューターが以下の要件を満たしているか確認してください。

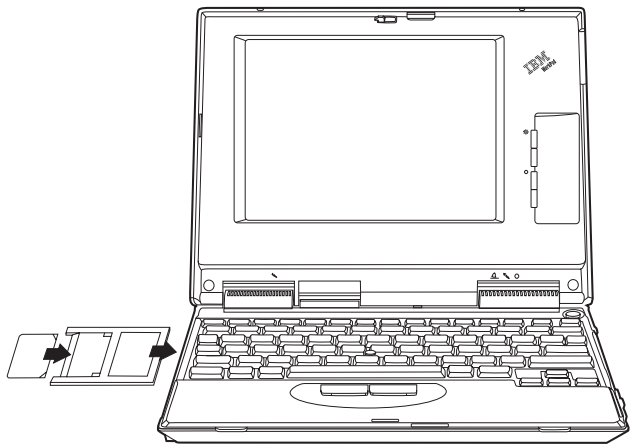
- OS は、Windows 2000、Windows XP Pro、または Windows XP Home
- CF+ Type II スロットまたは PCMCIA Type II アダプター

取り付け手順

マイクロドライブ・ストレージ・カードを取り付けるには、次のようにします。

1. コンピューターをオンにし、オペレーティング・システムを起動する。

2. マイクロドライブ・ストレージ・カードに付いている矢印マークを PC カード・アダプターに付いている矢印マークと合わせる。



3. マイクロドライブ・ストレージ・カードを PC カード・アダプターに慎重に、しっかりと挿入する。
4. コンピューターに付属の PC カード・アダプターの手順に従い、PC カード・アダプターを PCMCIA スロットに挿入する。コンピューターに PC カード・アダプターを挿入または取り外すときは、マイクロドライブ・ストレージ・カードではなく、必ず PC カード・アダプターをつかんでください。

Windows がマイクロドライブ・ストレージ・カードを自動的に検出します。Windows がマイクロドライブ・ストレージ・カードを検出しない場合は、ステップ 1 ~ 4 を繰り返してください。

取り外し手順

マイクロドライブ・ストレージ・カードを安全に取り外すには、次のようにします。

1. タスクバーで「ハードウェアの安全な取り外し」を選択する。
2. 「マイクロドライブを安全に取り外します」を選択する。
3. 「マイクロドライブは安全に取り外せません」というメッセージが表示されるのを待つ。
4. このメッセージが表示されると、ご使用のコンピューターからマイクロドライブ・ストレージ・カードを安全に取り外すことができます。

Appendix A. Microdrive storage card specifications

Model	Microdrive storage card at a glance
Configuration	
Interface	CF+ (ATA and PCMCIA compatible)
Capacity (MB)	4000
Sector size (bytes)	512
Disks	1
Areal density (maximum Gbits/square inch)	56.5
Recording density (maximum KBPI)	628 KBPI
Track density (TPI)	90 000
Performance	
Data (KB)	128
Rotational speed (RPM)	3 600
Latency (average)	8.33
Media transfer rate (Mbits/sec)	57.1 to 97.9
Interface transfer rate (MB/sec)	33 (UDMA mode 2 in True IDE)
Sustained data rate, typical read or write	4.3 (minimum); 7.2 (maximum)
Seek time (read)	
Average (ms)	12
Track-to-track (ms)	1
Full track (ms)	22

Model	Microdrive storage card at a glance	
Reliability		
Error rate (nonrecoverable)	<1 per 1.0 E 13 bits transferred	
Load/unload cycles	300 000	
Power	+3.3V power supply	+5V power supply
Voltage requirement (auto-detect)	+3.3V dc, <u>+5%</u>	+5V dc, <u>+5%</u>
Current (write)	395mA	314mA
Current (standby)	16mA	18mA
Power consumption efficiency (watts/MB)	0.055 watts/GB at idle	0.090 watts/GB at idle
Physical size		
Height (mm)	5+0/-0.10	
Width (mm)	42.80/ <u>+0.10</u>	
Depth (mm)	36.40/ <u>+0.15</u>	
Weight (g)	16 (maximum)	
Environmental characteristics	Operating	Non-operating
Ambient temperature	0° to 70°C (32° to 158° F)	-40° to 70°C (-40° to 158° F)
Relative humidity (non-condensing)	8 to 90%	5 to 95%
Maximum wet bulb (non-condensing)	29.4° C (84.9° F)	40° C (104° F)
Shock (half sine wave)	200 G (2 ms)	2000 G (1 ms)
Vibration (random RMS [RMS])	0.67 G (5 to 500 Hz)	3.01 G (5 to 500 Hz)

Model	Microdrive storage card at a glance	
Vibration (swept sine)	1 G 0-peak (5 to 500 Hz)	5.0G 0-peak

Appendix B. Service and Support

The following information describes the technical support that is available for your product, during the warranty period or throughout the life of the product. Refer to your IBM Statement of Limited Warranty for a full explanation of IBM warranty terms.

Online technical support

Online technical support is available during the life of your product through the Personal Computing Support Web site at www-3.ibm.com/pc/support/site.wss/.

During the warranty period, assistance for replacement or exchange of defective components is available. In addition, if your IBM option is installed in an IBM computer, you might be entitled to service at your location. Your technical support representative can help you determine the best alternative.

Telephone technical support

Installation and configuration support through the IBM HelpCenter® will be withdrawn or made available for a fee, at IBM's discretion, 90 days after the option has been withdrawn from marketing. Additional support offerings, including step-by-step installation assistance, are available for a nominal fee.

To assist the technical support representative, have available as much of the following information as possible:

- Option name
- Option number
- Proof of purchase
- Computer manufacturer, model, serial number (if IBM), and manual

- Exact wording of the error message (if any)
- Description of the problem
- Hardware and software configuration information for your system

If possible, be at your computer. Your technical support representative might want to walk you through the problem during the call.

For the support telephone number and support hours by country, refer to the following table. If the number for your country or region is not listed, contact your IBM reseller or IBM marketing representative. Response time may vary depending on the number and nature of the calls received.

Phone numbers are subject to change without notice. For the latest phone number list, go to www-3.ibm.com/pc/support/site.wss/ and click **Support Phone List**.

Country or Region	Telephone Number	Country or Region	Telephone Number
Argentina	0800-666-0011	Malaysia	03-7727-7800
Australia	1300-130-426	Mexico	001-866-434-2080
Austria	01-24592-5901	Netherlands	020-514-5770
Belgium	Dutch 02-210-9820 French 02-210-9800	New Zealand	0800-446-149
Bolivia	0800-0189	Norway	66 81 11 00
Brazil	55-11-3889-8986	Peru	0-800-50-866
Canada	1-800-565-3344 Toronto 416-383-3344	Philippines	632-995-2225
Chile	800-224-488	Portugal	21-791 51 47

Country or Region	Telephone Number	Country or Region	Telephone Number
China (PRC)	800-810-1818	Russia	095-940-2000
China (Hong Kong S.A.R.)	852-2825-7799	Singapore	1800-840-9911
Columbia	980-912-3021	Spain	91-662 49 16
Denmark	45 20 82 00	Sweden	08-477 4420
Ecuador	1-800-426911 (option #4)	Switzerland	058-333-09-00
Finland	09-459 69 60	Taiwan	886-2-2725-9799
France	02 38 55 74 50	Thailand	66-2-273-4000
Germany	07032-1549 201	Turkey	00-800-446-32-041
Indonesia	021-523-8535	United Kingdom	0-1475-555 055
Ireland	01-815-9202	United States	1-800-426-7378
Italy	02-7031-6101	Uruguay	000-411-005-6649
Japan	Consumer customers 0120-887-870 Business customers 0120-887-874	Venezuela	0-800-100-2011
Luxembourg	298-977 5063	Vietnam	848-8295-160

Appendix C. IBM Statement of Limited Warranty Z125-4753-07 11/2002 Part 1 - General Terms

*This Statement of Limited Warranty includes Part 1 - General Terms, Part 2 - Country-unique Terms, and Part 3 - Warranty Information. The terms of Part 2 replace or modify those of Part 1. The warranties provided by IBM in this Statement of Limited Warranty apply only to Machines you purchase for your use, and not for resale. The term "Machine" means an IBM machine, its features, conversions, upgrades, elements, or accessories, or any combination of them. The term "Machine" does not include any software programs, whether pre-loaded with the Machine, installed subsequently or otherwise. **Nothing in this Statement of Limited Warranty affects any statutory rights of consumers that cannot be waived or limited by contract.***

What this Warranty Covers

IBM warrants that each Machine 1) is free from defects in materials and workmanship and 2) conforms to IBM's Official Published Specifications ("Specifications") which are available on request. The warranty period for the Machine starts on the original Date of Installation and is specified in Part 3 - Warranty Information. The date on your invoice or sales receipt is the Date of Installation unless IBM or your reseller informs you otherwise. Many features, conversions, or upgrades involve the removal of parts and their return to IBM. A part that replaces a removed part will assume the warranty service status of the removed part. Unless IBM specifies otherwise, these warranties apply only in the country or region in which you purchased the Machine.

THESE WARRANTIES ARE YOUR EXCLUSIVE WARRANTIES AND REPLACE ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF EXPRESS OR IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU. IN THAT EVENT, SUCH WARRANTIES ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. NO WARRANTIES APPLY AFTER THAT PERIOD. SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

□

What this Warranty Does not Cover

This warranty does not cover the following:

- any software programs, whether pre-loaded or shipped with the Machine, or installed subsequently;
- failure resulting from misuse (including but not limited to use of any Machine capacity or capability, other than that authorized by IBM in writing), accident, modification, unsuitable physical or operating environment, or improper maintenance by you;
- failure caused by a product for which IBM is not responsible; and
- any non-IBM products, including those that IBM may procure and provide with or integrate into an IBM Machine at your request.

The warranty is voided by removal or alteration of identification labels on the Machine or its parts.

IBM does not warrant uninterrupted or error-free operation of a Machine.

Any technical or other support provided for a Machine under warranty, such as assistance via telephone with "how-to" questions and those regarding Machine set-up and installation, is provided **WITHOUT WARRANTIES OF ANY KIND**.

How to Obtain Warranty Service

If the Machine does not function as warranted during the warranty period, contact IBM or your reseller to obtain warranty service. If you do not register the Machine with IBM, you may be required to present proof of purchase as evidence of your entitlement to warranty service.

What IBM Will Do to Correct Problems

When you call for service, you must follow the problem determination and resolution procedures that IBM specifies. A technician will attempt to make an initial diagnosis of your problem and help you resolve it over the telephone.

The type of warranty service applicable to your Machine is specified in Part 3 - Warranty Information.

You are responsible for downloading and installing designated Machine Code (microcode, basic input/output system code (called "BIOS"), utility programs, device drivers, and diagnostics delivered with an IBM Machine) and other software updates from an IBM Internet Web site or from other electronic media, and following the instructions that IBM provides.

If your problem can be resolved with a Customer Replaceable Unit ("CRU") (e.g., keyboard, mouse, speaker, memory, hard disk drive and other easily replaceable parts), IBM will ship these parts to you for replacement by you.

If the Machine does not function as warranted during the warranty period and your problem cannot be resolved over the telephone, through your application of Machine Code or software updates, or with a CRU, IBM or your reseller, if approved by IBM to provide warranty service, will either, at its discretion, 1) repair it to make it function as warranted, or 2) replace it with one that is at least functionally equivalent. If IBM is unable to do either, you may return the Machine to your place of purchase and your money will be refunded.

IBM or your reseller will also manage and install selected engineering changes that apply to the Machine.

Exchange of a Machine or Part

When the warranty service involves the exchange of a Machine or part, the item IBM or your reseller replaces becomes its property and the replacement becomes yours. You represent that all removed items are

genuine and unaltered. The replacement may not be new, but will be in good working order and at least functionally equivalent to the item replaced. The replacement assumes the warranty service status of the replaced item.

Your Additional Responsibilities

Before IBM or your reseller exchanges a Machine or part, you agree to remove all features, parts, options, alterations, and attachments not under warranty service.

You also agree to:

1. ensure that the Machine is free of any legal obligations or restrictions that prevent its exchange;
2. obtain authorization from the owner to have IBM or your reseller service a Machine that you do not own; and
3. where applicable, before service is provided:
 - a. follow the service request procedures that IBM or your reseller provides;
 - b. backup or secure all programs, data, and funds contained in the Machine;
 - c. IBM or your reseller with sufficient, free, and safe access to your facilities to permit IBM to fulfill its obligations; and
 - d. inform IBM or your reseller of changes in the Machine's location.
4. (a) ensure all information about identified or identifiable individuals (Personal Data) is deleted from the Machine (to the extent technically possible), (b) allow IBM, your reseller or an IBM supplier to process on your behalf any remaining Personal Data as IBM or your reseller considers necessary to fulfill its obligations under this Statement of Limited Warranty (which may include shipping the Machine for such processing to other IBM service locations around the world), and (c) ensure that such processing complies with any laws applicable to such Personal Data.

Limitation of Liability

IBM is responsible for loss of, or damage to, your Machine only while it is 1) in IBM's possession or 2) in transit in those cases where IBM is responsible for the transportation charges.

Neither IBM nor your reseller are responsible for any of your confidential, proprietary or personal information contained in a Machine which you return to IBM for any reason. You should remove all such information from the Machine prior to its return.

Circumstances may arise where, because of a default on IBM's part or other liability, you are entitled to recover damages from IBM. In each such instance, regardless of the basis on which you are entitled to claim damages from IBM (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), except for any liability that cannot be waived or limited by applicable laws, IBM is liable for no more than

1. damages for bodily injury (including death) and damage to real property and tangible personal property; and
2. the amount of any other actual direct damages, up to the charges (if recurring, 12 months' charges apply) for the Machine that is subject of the claim. For purposes of this item, the term "Machine" includes Machine Code and Licensed Internal Code ("LIC").

This limit also applies to IBM's suppliers and your reseller. It is the maximum for which IBM, its suppliers, and your reseller are collectively responsible.

UNDER NO CIRCUMSTANCES IS IBM, ITS SUPPLIERS OR RESELLERS LIABLE FOR ANY OF THE FOLLOWING EVEN IF INFORMED OF THEIR POSSIBILITY: 1) THIRD PARTY CLAIMS AGAINST YOU FOR DAMAGES (OTHER THAN THOSE UNDER THE FIRST ITEM LISTED ABOVE); 2) LOSS OF, OR DAMAGE TO, DATA; 3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES; OR 4) LOST

PROFITS, BUSINESS REVENUE, GOODWILL OR ANTICIPATED SAVINGS. SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

Governing Law

Both you and IBM consent to the application of the laws of the country in which you acquired the Machine to govern, interpret, and enforce all of your and IBM's rights, duties, and obligations arising from, or relating in any manner to, the subject matter of this Statement of Limited Warranty, without regard to conflict of law principles.

THESE WARRANTIES GIVE YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR JURISDICTION TO JURISDICTION.

Jurisdiction

All of our rights, duties, and obligations are subject to the courts of the country in which you acquired the Machine.

Part 2 - Country-unique Terms

AMERICAS

ARGENTINA

Governing Law: *The following is added after the first sentence:*

Any litigation arising from this Statement of Limited Warranty will be settled exclusively by the Ordinary Commercial Court of the city of Buenos Aires.

BRAZIL

Governing Law: *The following is added after the first sentence:*

Any litigation arising from this Statement of Limited Warranty will be settled exclusively by the court of Rio de Janeiro, RJ.

Peru

Limitation of Liability: *The following is added at the end of this section:*

In accordance with Article 1328 of the Peruvian Civil Code the limitations and exclusions specified in this section will not apply to damages caused by IBM's willful misconduct ("dolo") or gross negligence ("culpa inexcusable").

NORTH AMERICA

How to Obtain Warranty Service: *The following is added to this Section:*

To obtain warranty service from IBM in Canada or the United States, call 1-800-IBM-SERV (426-7378).

CANADA

Limitation of Liability: *The following replaces item 1 of this section:*

1. damages for bodily injury (including death) or physical harm to real property and tangible personal property caused by IBM's negligence; and

Governing Law: *The following replaces "laws of the country in which you acquired the Machine" in the first sentence:*

laws in the Province of Ontario.

UNITED STATES

Governing Law: *The following replaces "laws of the country in which you acquired the Machine" in the first sentence:*

laws of the State of New York.

ASIA PACIFIC

AUSTRALIA

What this Warranty Covers: *The following paragraph is added to this Section:*

The warranties specified in this Section are in addition to any rights you may have under the Trade Practices Act 1974 or other similar legislation and are only limited to the extent permitted by the applicable legislation.

Limitation of Liability: *The following is added to this Section:*

Where IBM is in breach of a condition or warranty implied by the Trade Practices Act 1974 or other similar legislation, IBM's liability is limited to the repair or replacement of the goods or the supply of equivalent goods. Where that condition or warranty relates to right to sell, quiet possession or clear title, or the goods are of a kind ordinarily acquired for personal, domestic or household use or consumption, then none of the limitations in this paragraph apply.

Governing Law: *The following replaces "laws of the country in which you acquired the Machine" in the first sentence:*

laws of the State or Territory.

CAMBODIA, LAOS, AND VIETNAM

Governing Law: *The following replaces "laws of the country in which you acquired the Machine" in the first sentence:*

laws of the State of New York, United States of America.

CAMBODIA, INDONESIA, LAOS, AND VIETNAM

Arbitration: *The following is added under this heading:*

Disputes arising out of or in connection with this Statement of Limited Warranty shall be finally settled by arbitration which shall be held in Singapore in accordance with the Arbitration Rules of Singapore International Arbitration Center ("SIAC Rules") then in effect. The

arbitration award shall be final and binding for the parties without appeal and shall be in writing and set forth the findings of fact and the conclusions of law.

The number of arbitrators shall be three, with each side to the dispute being entitled to appoint one arbitrator. The two arbitrators appointed by the parties shall appoint a third arbitrator who shall act as chairman of the proceedings. Vacancies in the post of chairman shall be filled by the president of the SIAC. Other vacancies shall be filled by the respective nominating party. Proceedings shall continue from the stage they were at when the vacancy occurred.

If one of the parties refuses or otherwise fails to appoint an arbitrator within 30 days of the date the other party appoints its, the first appointed arbitrator shall be the sole arbitrator, provided that the arbitrator was validly and properly appointed.

All proceedings shall be conducted, including all documents presented in such proceedings, in the English language. The English language version of this Statement of Limited Warranty prevails over any other language version.

HONG KONG S.A.R. OF CHINA AND MACAU S.A.R. OF CHINA

Governing Law: *The following replaces “laws of the country in which you acquired the Machine” in the first sentence:*

laws of Hong Kong Special Administrative Region of China.

INDIA

Limitation of Liability: *The following replaces items 1 and 2 of this Section:*

1. liability for bodily injury (including death) or damage to real property and tangible personal property will be limited to that caused by IBM’s negligence; and
2. as to any other actual damage arising in any situation involving nonperformance by IBM pursuant to, or in any way related to the subject of this Statement of Limited Warranty, , the charge paid by

you for the individual Machine that is the subject of the claim. For purposes of this item, the term "Machine" includes Machine Code and Licensed Internal Code ("LIC").

Arbitration: *The following is added under this heading :*

Disputes arising out of or in connection with this Statement of Limited Warranty shall be finally settled by arbitration which shall be held in Bangalore, India in accordance with the laws of India then in effect. The arbitration award shall be final and binding for the parties without appeal and shall be in writing and set forth the findings of fact and the conclusions of law.

The number of arbitrators shall be three, with each side to the dispute being entitled to appoint one arbitrator. The two arbitrators appointed by the parties shall appoint a third arbitrator who shall act as chairman of the proceedings. Vacancies in the post of chairman shall be filled by the president of the Bar Council of India. Other vacancies shall be filled by the respective nominating party. Proceedings shall continue from the stage they were at when the vacancy occurred.

If one of the parties refuses or otherwise fails to appoint an arbitrator within 30 days of the date the other party appoints its, the first appointed arbitrator shall be the sole arbitrator, provided that the arbitrator was validly and properly appointed.

All proceedings shall be conducted, including all documents presented in such proceedings, in the English language. The English language version of this Statement of Limited Warranty prevails over any other language version.

JAPAN

Governing Law: *The following sentence is added to this section:*

Any doubts concerning this Statement of Limited Warranty will be initially resolved between us in good faith and in accordance with the principle of mutual trust.

MALAYSIA

Limitation of Liability: *The word "SPECIAL" in item 3 of the fifth paragraph is deleted.*

NEW ZEALAND

What this Warranty Covers: *The following paragraph is added to this section:*

The warranties specified in this section are in addition to any rights you may have under the Consumer Guarantees Act 1993 or other legislation which cannot be excluded or limited. The Consumer Guarantees Act 1993 will not apply in respect of any goods which IBM provides, if you require the goods for the purposes of a business as defined in that Act.

Limitation of Liability: *The following is added to this section:*

Where Machines are not acquired for the purposes of a business as defined in the Consumer Guarantees Act 1993, the limitations in this section are subject to the limitations in that Act.

PEOPLE'S REPUBLIC OF CHINA (PRC)

Governing Law: *The following replaces "laws of the country in which you acquired the Machine" in the first sentence:*

laws of the State of New York, United States of America (except when local law requires otherwise).

PHILIPPINES

Limitation of Liability: *Item 3 in the fifth paragraph is replaced by the following:*

SPECIAL (INCLUDING NOMINAL AND EXEMPLARY DAMAGES), MORAL, INCIDENTAL, OR INDIRECT DAMAGES FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES; OR

Arbitration: The following is added under this heading

Disputes arising out of or in connection with this Statement of Limited Warranty shall be finally settled by arbitration which shall be held in Metro Manila, Philippines in accordance with the laws of the Philippines then in effect. The arbitration award shall be final and binding for the parties without appeal and shall be in writing and set forth the findings of fact and the conclusions of law.

The number of arbitrators shall be three, with each side to the dispute being entitled to appoint one arbitrator. The two arbitrators appointed by the parties shall appoint a third arbitrator who shall act as chairman of the proceedings. Vacancies in the post of chairman shall be filled by the president of the Philippine Dispute Resolution Center, Inc.. Other vacancies shall be filled by the respective nominating party. Proceedings shall continue from the stage they were at when the vacancy occurred.

If one of the parties refuses or otherwise fails to appoint an arbitrator within 30 days of the date the other party appoints its, the first appointed arbitrator shall be the sole arbitrator, provided that the arbitrator was validly and properly appointed.

All proceedings shall be conducted, including all documents presented in such proceedings, in the English language. The English language version of this Statement of Limited Warranty prevails over any other language version.

SINGAPORE

Limitation of Liability: The words "SPECIAL" and "ECONOMIC" in item 3 in the fifth paragraph are deleted.

EUROPE, MIDDLE EAST, AFRICA (EMEA)

THE FOLLOWING TERMS APPLY TO ALL EMEA COUNTRIES:

The terms of this Statement of Limited Warranty apply to Machines purchased from IBM or an IBM reseller.

Hot to Obtain Warranty Service: If you purchase a Machine in Austria, Belgium, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco, Netherlands, Norway, Portugal, Spain, San Marino, Sweden, Switzerland, United Kingdom or Vatican State, you may obtain warranty service for that Machine in any of those countries from either (1) an IBM reseller approved to perform warranty service or (2) from IBM, provided the Machine has been announced and made available by IBM in the country in which you wish to obtain service. If you purchased a Personal Computer Machine in Albania, Armenia, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Federal Republic of Yugoslavia, Former Yugoslav Republic of Macedonia (FYROM), Moldova, Poland, Romania, Russia, Slovak Republic, Slovenia, or Ukraine, you may obtain warranty service for that Machine in any of those countries from either (1) an IBM reseller approved to perform warranty service or (2) from IBM.

If you purchase a Machine in a Middle Eastern or African country, you may obtain warranty service for that Machine from the IBM entity within the country of purchase, if that IBM entity provides warranty service in that country, or from an IBM reseller, approved by IBM to perform warranty service on that Machine in that country. Warranty service in Africa is available within 50 kilometers of an IBM approved service provider. You are responsible for transportation costs for Machines located outside 50 kilometers of an IBM approved service provider.

*Add the following paragraph in **Western Europe** (Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Monaco, Netherlands, Norway, Portugal, Spain, San Marino, Sweden, Switzerland, United Kingdom, Vatican State):*

The warranty for Machines acquired in Western Europe shall be valid and applicable in all Western Europe countries provided the Machines have been announced and made available in such countries.

Governing Law:

The phrase "the laws of the country in which you acquired the Machine" is replaced by:

1) "the laws of Austria" in **Albania, Armenia, Azerbaijan, Belarus, Bosnia-Herzegovina, Bulgaria, Croatia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, FYR Macedonia, Moldova, Poland, Romania, Russia, Slovakia, Slovenia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan, and FR Yugoslavia;** 2) "the laws of France" in **Algeria, Benin, Burkina Faso, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo Republic, Djibouti, Democratic Republic of Congo, Equatorial Guinea, French Guiana, French Polynesia, Gabon, Gambia, Guinea, Guinea-Bissau, Ivory Coast, Lebanon, Madagascar, Mali, Mauritania, Mauritius, Mayotte, Morocco, New Caledonia, Niger, Reunion, Senegal, Seychelles, Togo, Tunisia, Vanuatu, and Wallis & Futuna;** 3) "the laws of Finland" in **Estonia, Latvia, and Lithuania;** 4) "the laws of England" in **Angola, Bahrain, Botswana, Burundi, Egypt, Eritrea, Ethiopia, Ghana, Jordan, Kenya, Kuwait, Liberia, Malawi, Malta, Mozambique, Nigeria, Oman, Pakistan, Qatar, Rwanda, Sao Tome, Saudi Arabia, Sierra Leone, Somalia, Tanzania, Uganda, United Arab Emirates, the United Kingdom, West Bank/Gaza, Yemen, Zambia, and Zimbabwe;** and 5) "the laws of South Africa" in **South Africa, Namibia, Lesotho and Swaziland.**

Jurisdiction: *The following exceptions are added to this section:*

1) **In Austria** the choice of jurisdiction for all disputes arising out of this Statement of Limited Warranty and relating thereto, including its existence, will be the competent court of law in Vienna, Austria (Inner-City); 2) **in Angola, Bahrain, Botswana, Burundi, Egypt, Eritrea, Ethiopia, Ghana, Jordan, Kenya, Kuwait, Liberia, Malawi, Malta,**

Mozambique, Nigeria, Oman, Pakistan, Qatar, Rwanda, Sao Tome, Saudi Arabia, Sierra Leone, Somalia, Tanzania, Uganda, United Arab Emirates, West Bank/Gaza, Yemen, Zambia, and Zimbabwe all disputes arising out of this Statement of Limited Warranty or related to its execution, including summary proceedings, will be submitted to the exclusive jurisdiction of the English courts; 3) in **Belgium and Luxembourg**, all disputes arising out of this Statement of Limited Warranty or related to its interpretation or its execution, the law, and the courts of the capital city, of the country of your registered office and/or commercial site location only are competent; 4) in **France, Algeria, Benin, Burkina Faso, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo Republic, Djibouti, Democratic Republic of Congo, Equatorial Guinea, French Guiana, French Polynesia, Gabon, Gambia, Guinea, Guinea-Bissau, Ivory Coast, Lebanon, Madagascar, Mali, Mauritania, Mauritius, Mayotte, Morocco, New Caledonia, Niger, Reunion, Senegal, Seychelles, Togo, Tunisia, Vanuatu, and Wallis & Futuna** all disputes arising out of this Statement of Limited Warranty or related to its violation or execution, including summary proceedings, will be settled exclusively by the Commercial Court of Paris; 5) in **Russia**, all disputes arising out of or in relation to the interpretation, the violation, the termination, the nullity of the execution of this Statement of Limited Warranty shall be settled by Arbitration Court of Moscow; 6) in **South Africa, Namibia, Lesotho and Swaziland**, both of us agree to submit all disputes relating to this Statement of Limited Warranty to the jurisdiction of the High Court in Johannesburg; 7) in **Turkey** all disputes arising out of or in connection with this Statement of Limited Warranty shall be resolved by the Istanbul Central (Sultanahmet) Courts and Execution Directorates of Istanbul, the Republic of Turkey; 8) in each of the following specified countries, any legal claim arising out of this Statement of Limited Warranty will be brought before, and settled exclusively by, the competent court of a) Athens for **Greece**, b) Tel Aviv-Jaffa for **Israel**, c) Milan for **Italy**, d) Lisbon for **Portugal**, and e) Madrid for **Spain**; and 9) in **the United Kingdom**, both of us agree to submit all disputes relating to this Statement of Limited Warranty to the jurisdiction of the English courts.

Arbitration: *The following is added under this heading:*

In Albania, Armenia, Azerbaijan, Belarus, Bosnia-Herzegovina, Bulgaria, Croatia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, FYR Macedonia, Moldova, Poland, Romania, Russia, Slovakia, Slovenia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan, and FR Yugoslavia all disputes arising out of this Statement of Limited Warranty or related to its violation, termination or nullity will be finally settled under the Rules of Arbitration and Conciliation of the International Arbitral Center of the Federal Economic Chamber in Vienna (Vienna Rules) by three arbitrators appointed in accordance with these rules. The arbitration will be held in Vienna, Austria, and the official language of the proceedings will be English. The decision of the arbitrators will be final and binding upon both parties. Therefore, pursuant to paragraph 598 (2) of the Austrian Code of Civil Procedure, the parties expressly waive the application of paragraph 595 (1) figure 7 of the Code. IBM may, however, institute proceedings in a competent court in the country of installation.

In Estonia, Latvia and Lithuania all disputes arising in connection with this Statement of Limited Warranty will be finally settled in arbitration that will be held in Helsinki, Finland in accordance with the arbitration laws of Finland then in effect. Each party will appoint one arbitrator. The arbitrators will then jointly appoint the chairman. If arbitrators cannot agree on the chairman, then the Central Chamber of Commerce in Helsinki will appoint the chairman.

EUROPEAN UNION (EU)

THE FOLLOWING TERMS APPLY TO ALL EU COUNTRIES:

Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties provided in this Statement of Limited Warranty.

How to Obtain Warranty Service: *The following is added to this section:*

To obtain warranty service from IBM in EU countries, see the telephone listing in Part 3 - Warranty Information.

You may contact IBM at the following address:

IBM Warranty & Service Quality Dept.

PO Box 30

Spango Valley

Greenock

Scotland PA 16 OAH

**AUSTRIA, DENMARK, FINLAND, GREECE, ITALY,
NETHERLANDS, PORTUGAL, SPAIN, SWEDEN AND
SWITZERLAND**

Limitation of Liability: *The following replaces the terms of this section in its entirety:*

Except as otherwise provided by mandatory law:

1. IBM's liability for any damages and losses that may arise as a consequence of the fulfillment of its obligations under or in connection with this Statement of Limited Warranty or due to any other cause related to this Statement of Limited Warranty is limited to the compensation of only those damages and losses proved and actually arising as an immediate and direct consequence of the non-fulfillment of such obligations (if IBM is at fault) or of such cause, for a maximum amount equal to the charges you paid for the Machine. For purposes of this item, the term "Machine" includes Machine Code and Licensed Internal Code ("LIC").

The above limitation shall not apply to damages for bodily injuries (including death) and damages to real property and tangible personal property for which IBM is legally liable.

2. **UNDER NO CIRCUMSTANCES IS IBM, ITS SUPPLIERS OR RESELLERS LIABLE FOR ANY OF THE FOLLOWING, EVEN IF INFORMED OF THEIR POSSIBILITY: 1) LOSS OF, OR DAMAGE TO, DATA; 2) INCIDENTAL OR INDIRECT DAMAGES, OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES; 3) LOST PROFITS, EVEN IF THEY ARISE AS AN IMMEDIATE CONSEQUENCE OF THE EVENT THAT GENERATED THE DAMAGES; OR 4) LOSS OF BUSINESS, REVENUE, GOODWILL, OR ANTICIPATED SAVINGS.**

FRANCE AND BELGIUM

Limitation of Liability: *The following replaces ther terms of this section in its entirety:*

Except as otherwise provided by mandatory law:

1. IBM's liability for any damages and losses that may arise as a consequence of the fulfillment of its obligations under or in connection with this Statement of Limited Warranty is limited to the compensation of only those damages and losses proved and actually arising as an immediate and direct consequence of the non-fulfillment of such obligations (if IBM is at fault), for a maximum amount equal to the charges you paid for the Machine that has caused the damages. For purposes of this item, the term "Machine" includes Machine Code and Licensed Internal Code ("LIC").

The above limitation shall not apply to damages for bodily injuries (including death) and damages to real property and tangible personal property for which IBM is legally liable.

2. **UNDER NO CIRCUMSTANCES IS IBM, ITS SUPPLIERS OR RESELLERS LIABLE FOR ANY OF THE FOLLOWING, EVEN IF INFORMED OF THEIR POSSIBILITY: 1) LOSS OF, OR DAMAGE TO, DATA; 2) INCIDENTAL OR INDIRECT DAMAGES, OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES; 3) LOST PROFITS, EVEN IF THEY ARISE AS AN IMMEDIATE CONSEQUENCE OF THE EVENT THAT**

GENERATED THE DAMAGES; OR 4) LOSS OF BUSINESS, REVENUE, GOODWILL, OR ANTICIPATED SAVINGS.

THE FOLLOWING TERMS APPLY TO THE COUNTRY SPECIFIED:

AUSTRIA

What this Warranty Covers: *The following replaces the first sentence of the first paragraph of this section:*

The warranty for an IBM Machine covers the functionality of the Machine for its normal use and the Machine's conformity to its Specifications.

The following paragraphs are added to this Section:

The minimum warranty period for Machines is 12 months from the date of delivery. . The limitation period for consumers in action for breach of warranty is the statutory period as a minimum. In case IBM or your reseller is unable to repair an IBM Machine, you can alternatively ask for a partial refund as far as justified by the reduced value of the unrepaired Machine or ask for a cancellation of the respective agreement for such Machine and get your money refunded.

The second paragraph does not apply.

What IBM Will Do to Correct Problems: *The following is added to this section:*

During the warranty period, transportation for delivery of the failing Machine to IBM will be at IBM's expense.

Limitation of Liability: *The following paragraph is added to this section:*

The limitations and exclusions specified in the Statement of Limited Warranty will not apply to damages caused by IBM with fraud or gross negligence and for express warranty.

The following sentence is added to the end of item 2:

IBM's liability under this item is limited to the violation of essential contractual terms in cases of ordinary negligence.

EGYPT

Limitation of Liability: *The following replaces item 2 in this section:* as to any other actual direct damages, IBM's liability will be limited to the total amount you paid for the Machine that is the subject of the claim. For purposes of this item, the term "Machine" includes Machine Code and Licensed Internal Code (LIC).

Applicability of suppliers and resellers (unchanged).

FRANCE

Limitation of Liability: *The following replaces the second sentence of the first paragraph of this section:*

In such instances, regardless of the basis on which you are entitled to claim damages from IBM, IBM is liable for no more than: *(items 1 and 2 unchanged).*

GERMANY

What this Warranty Covers: *The following replaces the first sentence of the first paragraph of this section:*

The warranty for an IBM Machine covers the functionality of the Machine for its normal use and the Machine's conformity to its Specifications.

The following paragraphs are added to this section:

The minimum warranty period for Machines is twelve months. In case IBM or your reseller is unable to repair an IBM Machine, you can alternatively ask for a partial refund as far as justified by the reduced value of the unrepaired Machine or ask for a cancellation of the respective agreement for such Machine and get your money refunded.

The second paragraph does not apply.

What IBM Will Do to Correct Problems: *The following is added to this section:*

During the warranty period, transportation for delivery of the failing Machine to IBM will be at IBM's expense.

Limitation of Liability: *The following paragraph is added to this section:*

The limitations and exclusions specified in the Statement of Limited Warranty will not apply to damages caused by IBM with fraud or gross negligence and for express warranty.

The following sentence is added to the end of item 2:

IBM's liability under this item is limited to the violation of essential contractual terms in cases of ordinary negligence.

HUNGARY

Limitation of Liability: *The following is added at the end of this section:*

The limitation and exclusion specified herein shall not apply to liability for a breach of contract damaging life, physical well-being, or health that has been caused intentionally, by gross negligence, or by a criminal act.

The parties accept the limitations of liability as valid provisions and state that the Section 314.(2) of the Hungarian Civil Code applies as the acquisition price as well as other advantages arising out of the present Statement of Limited Warranty balance this limitation of liability.

IRELAND

What this Warranty Covers: *The following is added to this section:*

Except as expressly provided in these terms and conditions, all statutory conditions, including all warranties implied, but without

prejudice to the generality of the foregoing all warranties implied by the Sale of Goods Act 1893 or the Sale of Goods and Supply of Services Act 1980 are hereby excluded.

Limitation of Liability: *The following replaces the terms of this section in its entirety:*

For the purposes of this section, a "Default" means any act, statement, omission, or negligence on the part of IBM in connection with, or in relation to, the subject matter of this Statement of Limited Warranty in respect of which IBM is legally liable to you, whether in contract or tort. A number of Defaults which together result in, or contribute to, substantially the same loss or damage will be treated as one Default occurring on the date of occurrence of the last such Default.

Circumstances may arise where, because of a Default, you are entitled to recover damages from IBM.

This section sets out the extent of IBM's liability and your sole remedy.

1. IBM will accept unlimited liability for death or personal injury caused by the negligence of IBM.
2. Subject always to the Items for Which IBM is Not Liable below, IBM will accept unlimited liability for physical damage to your tangible property resulting from the negligence of IBM.
3. Except as provided in items 1 and 2 above, IBM's entire liability for actual damages for any one Default will not in any event exceed the greater of 1) EUR 125,000, or 2) 125% of the amount you paid for the Machine directly relating to the Default.

Items for Which IBM is Not Liable

Save with respect to any liability referred to in item 1 above, under no circumstances is IBM, its suppliers or resellers liable for any of the following, even if IBM or they were informed of the possibility of such losses:

1. loss of, or damage to, data;

2. special, indirect, or consequential loss; or
3. loss of profits, business, revenue, goodwill, or anticipated savings.

SLOVAKIA

Limitation of Liability: *The following is added to the end of the last paragraph:*

The limitations apply to the extent they are not prohibited under §§ 373-386 of the Slovak Commercial Code.

SOUTH AFRICA, NAMIBIA, BOTSWANA, LESOTHO AND SWAZILAND

Limitation of Liability: *The following is added to this section:*

IBM's entire liability to you for actual damages arising in all situations involving nonperformance by IBM in respect of the subject matter of this Statement of Warranty will be limited to the charge paid by you for the individual Machine that is the subject of your claim from IBM.

UNITED KINGDOM

Limitation of Liability: *The following replaces the terms of this section in its entirety:*

For the purposes of this section, a "Default" means any act, statement, omission, or negligence on the part of IBM in connection with, or in relation to, the subject matter of this Statement of Limited Warranty in respect of which IBM is legally liable to you, whether in contract or tort. A number of Defaults which together result in, or contribute to, substantially the same loss or damage will be treated as one Default.

Circumstances may arise where, because of a Default, you are entitled to recover damages from IBM.

This section sets out the extent of IBM's liability and your sole remedy.

1. IBM will accept unlimited liability for:
 - a. death or personal injury caused by the negligence of IBM; and
 - b. any breach of its obligations implied by Section 12 of the Sale of Goods Act 1979 or Section 2 of the Supply of Goods and Services Act 1982, or any statutory modification or re-enactment of either such Section.
2. IBM will accept unlimited liability, subject always to the Items for Which IBM is Not Liable below, for physical damage to your tangible property resulting from the negligence of IBM.
3. IBM's entire liability for actual damages for any one Default will not in any event, except as provided in items 1 and 2 above, exceed the greater of 1) Pounds Sterling 75,000, or 2) 125% of the total purchase price payable or the charges for the Machine directly relating to the Default.

These limits also apply to IBM's suppliers and resellers. They state the maximum for which IBM and such suppliers and resellers are collectively responsible.

Items for Which IBM is Not Liable

Save with respect to any liability referred to in item 1 above, under no circumstances is IBM or any of its suppliers or resellers liable for any of the following, even if IBM or they were informed of the possibility of such losses:

1. loss of, or damage to, data:
2. special, indirect, or consequential loss; or
3. loss of profits, business, revenue, goodwill, or anticipated savings.

Part 3 - Warranty Information

This Part 3 provides information regarding the warranty applicable to your Machine, including the warranty period and type of warranty service IBM provides.

Warranty Period

The warranty period may vary by country or region and is specified in the table below. NOTE: "Region" means either Hong Kong or Macau Special Administrative Region of China.

4 GB Microdrive with PC Card

Country or Region of Purchase	Warranty Period	Type of Warranty Service
Worldwide	1 year	1,4

A warranty period of 1 year on parts and 1 year on labor means that IBM provides warranty service without charge for parts and labor during the 1 year warranty period.

Types of Warranty Service

If required, IBM provides repair or exchange service depending on the type of warranty service specified for your Machine in the above table and as described below. Warranty service may be provided by your reseller if approved by IBM to perform warranty service. Scheduling of service will depend upon the time of your call and is subject to parts availability. Service levels are response time objectives and are not guaranteed. The specified level of warranty service may not be available in all worldwide locations, additional charges may apply outside IBM's normal service area, contact your local IBM representative or your reseller for country and location specific information.

1. Customer Replaceable Unit ("CRU") Service

IBM will ship CRU parts to you for your replacement. If IBM instructs you to return the replaced CRU, you are responsible for returning it to IBM in accordance with IBM's instructions. If you do not return the defective CRU, if IBM so instructs, within 30 days of your receipt of the replacement CRU, IBM may charge you for the replacement.

2. On-site Service

IBM or your reseller will either repair or exchange the failing Machine at your location and verify its operation. You must provide suitable working area to allow disassembly and reassembly of the IBM Machine. The area must be clean, well lit and suitable for the purpose. **For some Machines, certain repairs may require sending the Machine to an IBM service center.**

3. Courier or Depot Service¹

You will disconnect the failing Machine for collection arranged by IBM. IBM will provide you with a shipping container for you to return your Machine to a designated service center. A courier will pick up your Machine and deliver it to the designated service center. Following its repair or exchange, IBM will arrange the return delivery of the Machine to your location. You are responsible for its installation and verification.

4. Customer Carry-In or Mail-In Service

You will deliver or mail as IBM specifies (prepaid unless IBM specifies otherwise) the failing Machine suitably packaged to a location IBM designates. After IBM has repaired or exchanged the Machine, IBM will make it available for your collection or, for Mail-in Service, IBM will

1. This type of service is called ThinkPad® EasyServ or EasyServ in some countries.

return it to you at IBM's expense, unless IBM specifies otherwise. You are responsible for the subsequent installation and verification of the Machine.

The IBM Machine Warranty worldwide web site at http://www.ibm.com/servers/support/machine_warranties/ provides a worldwide overview of IBM's Limited Warranty for Machines, a Glossary of IBM definitions, Frequently Asked Questions (FAQs) and Support by Product (Machine) with links to Product Support pages. **The IBM Statement of Limited Warranty is also available on this site in 29 languages.**

To obtain warranty service contact IBM or your IBM reseller. In Canada or the United States, call 1-800-IBM-SERV (426-7378). For other countries, see the telephone numbers below.

Phone numbers are subject to change without notice. For the latest phone number list, go to www-3.ibm.com/pc/support/site.wss/ and click **Support Phone List**.

Country or Region	Telephone Number	Country or Region	Telephone Number
Argentina	0800-666-0011	Malaysia	03-7727-7800
Australia	1300-130-426	Mexico	001-866-434-2080
Austria	01-24592-5901	Netherlands	020-514-5770
Belgium	Dutch 02-210-9820 French 02-210-9800	New Zealand	0800-446-149
Bolivia	0800-0189	Norway	66 81 11 00
Brazil	55-11-3889-8986	Peru	0-800-50-866

Country or Region	Telephone Number	Country or Region	Telephone Number
Canada	1-800-565-3344 Toronto 416-383-3344	Philippines	632-995-2225
Chile	800-224-488	Portugal	21-791 51 47
China (PRC)	800-810-1818	Russia	095-940-2000
China (Hong Kong S.A.R.)	852-2825-7799	Singapore	1800-840-9911
Columbia	980-912-3021	Spain	91-662 49 16
Denmark	45 20 82 00	Sweden	08-477 4420
Ecuador	1-800-426911 (option #4)	Switzerland	058-333-09-00
Finland	09-459 69 60	Taiwan	886-2-2725-9799
France	02 38 55 74 50	Thailand	66-2-273-4000
Germany	07032-1549 201	Turkey	00-800-446-32-041
Indonesia	021-523-8535	United Kingdom	0-1475-555 055
Ireland	01-815-9202	United States	1-800-426-7378
Italy	02-7031-6101	Uruguay	000-411-005-6649
Japan	Consumer customers 0120-887-870 Business customers 0120-887-874	Venezuela	0-800-100-2011
Luxembourg	298-977 5063	Vietnam	848-8295-160

Appendix D. Notices

IBM may not offer the products, services, or features discussed in this document in all countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

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Electronic Emission Notices

4 GB Microdrive Storage Card

Federal Communications Commission (FCC) statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an IBM authorized dealer or service representative for help.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Proper cables and connectors are available from IBM authorized dealers. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible party:

International Business Machines Corporation
New Orchard Road
Armonk, NY 10504
Telephone: 1-919-543-2193



Tested To Comply
With FCC Standards

FOR HOME OR OFFICE USE

Industry Canada Class B emission compliance statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité a la réglementation d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Deutsche EMV-Direktive (electromagnetische Verträglichkeit)

Zulassungbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) vom 30. August 1995 (bzw. der EMC EG Richtlinie 89/336):

Dieses Gerät ist berechtigt in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen. Verantwortlich für die Konformitätserklärung nach Paragraph 5 des EMVG ist die:

IBM Deutschland Informationssysteme GmbH, 70548 Stuttgart.

Informationen in Hinsicht EMVG Paragraph 3 Abs. (2) 2:

Das Gerät erfüllt die Schutzanforderungen nach EN 55024:1998 und EN 55022:1998 Klasse B.
--

EN 55022 Hinweis:

“Wird dieses Gerät in einer industriellen Umgebung betrieben (wie in EN 55022:B festgelegt), dann kann es dabei eventuell gestört werden. In solch einem FA11 ist der Abstand bzw. die Abschirmung zu der industriellen Störquelle zu vergrößern.”

Anmerkung:

Um die Einhaltung des EMVG sicherzustellen sind die Geräte, wie in den IBM Handbüchern angegeben, zu installieren und zu betreiben.

European Union - emission directive

This product is in conformity with the protection requirements of EU Council Directive 89/336/ECC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

IBM can not accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to European Standard EN 55022. The limits for Class B equipment were derived for typical residential environments to provide reasonable protection against interference with licensed communication devices.

Union Européenne - Directive Conformité électromagnétique

Ce produit est conforme aux exigences de protection de la Directive 89/336/EEC du Conseil de l'UE sur le rapprochement des lois des États membres en matière de compatibilité électromagnétique.

IBM ne peut accepter aucune responsabilité pour le manquement aux exigences de protection résultant d'une modification non recommandée du produit, y compris l'installation de cartes autres que les cartes IBM.

Ce produit a été testé et il satisfait les conditions de l'équipement informatique de Classe B en vertu de Standard européen EN 55022. Les conditions pour l'équipement de Classe B ont été définies en fonction d'un contexte résidentiel ordinaire afin de fournir une protection raisonnable contre l'interférence d'appareils de communication autorisés.

Unione Europea - Directiva EMC (Conformidad electromagnética)

Este producto satisface los requisitos de protección del Consejo de la UE, Directiva 89/336/CEE en lo que a la legislatura de los Estados Miembros sobre compatibilidad electromagnética se refiere.

IBM no puede aceptar responsabilidad alguna si este producto deja de satisfacer dichos requisitos de protección como resultado de una modificación no recomendada del producto, incluyendo el ajuste de tarjetas de opción que no sean IBM.

Este producto ha sido probado y satisface los límites para Equipos Informáticos Clase B de conformidad con el Estándar Europeo EN 55022. Los límites para los equipos de Clase B se han establecido para entornos residenciales típicos a fin de proporcionar una protección razonable contra las interferencias con dispositivos de comunicación licenciados.

Union Europea - Normativa EMC

Questo prodotto è conforme alle normative di protezione ai sensi della Direttiva del Consiglio dell'Unione Europea 89/336/CEE sull'armonizzazione legislativa degli stati membri in materia di compatibilità elettromagnetica.

IBM non accetta responsabilità alcuna per la mancata conformità alle normative di protezione dovuta a modifiche non consigliate al prodotto, compresa l'installazione di schede e componenti di marca diversa da IBM.

Le prove effettuate sul presente prodotto hanno accertato che esso rientra nei limiti stabiliti per le apparecchiature di informatica Classe B ai sensi del Norma Europea EN 55022. I limiti delle apparecchiature della Classe B sono stati stabiliti al fine di fornire ragionevole protezione da interferenze mediante dispositivi di comunicazione in concessione in ambienti residenziali tipici.

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