



# IBM NetBAY Remote Console Manager

---

## **Highlights**

---

***Based on industry standard CAT5 cable and RJ45 connectors for secure, quick connections***

***Non intrusive operation that does not interfere with critical server operations or network resources***

***Intuitive Graphical User Interface and multi-language support***

***Password protected multi-level access control and secure 128-bit SSL encryption***

***Software and firmware is flash upgradable for Web-based future enhancements and code delivery***

## **Innovation in server connectivity**

The IBM NetBAY Remote Console Manager (RCM) is the premier switch product in the new IBM family of NetBAY Advanced Connectivity Technology (ACT) products. The RCM combines both analog and digital technology in a single switch offering to provide flexible, centralized control of the data center environment. The RCM is a 1U rack mountable keyboard, video, mouse (KVM) CAT5 based switch containing 16 ports. With these 16 inputs the RCM has the ability to support the connection and management of up to 256 servers- either locally through the single analog port or remotely through the 100BaseT Ethernet connection. The RCM supports enhanced video quality up to 1600X1280 locally or 1280X1024 remotely.

## **KCO and CCO intelligent cabling**

The KVM Conversion Option (KCO) and C2T Conversion Option (CCO) intelligent cables (generically called CO cables) with CAT5 can dramatically reduce cable clutter, while optimizing digital display resolution and video settings.

The built-in memory of the CO simplifies configuration by assigning and retaining unique server identification codes for each attached server. This integrated intelligence enhances security and helps prevent unauthorized access to a server through cable manipulation. The CO cable is powered directly from the server, it provides Keep Alive™ functionality even if the server is not powered on.

## **Point and click control from anywhere**

The NetBAY Virtual Console Software (VC) is a cross-platform management application that allows you to view and control the RCM and all attached servers remotely. This software resides on the user's PC only. The NetBAY VC software provides reliable authentication, data transfers and username/password storage. By utilizing a browser interface for navigation with an intuitive split-screen interface, this software provides you with a single point of access for your entire system. User PCs can be located anywhere a valid network connection exists.

GET IT **NOW**

---

go to **ibm.com/eserver/xseries**  
or call 1 888 **ShopIBM**  
to buy direct or to locate an IBM reseller.



**RCM Technical Specifications**

<b>Server Ports</b>	
Number	16
Types	KCO, CCO
Connectors	RJ45
Sync Types	Separate horizontal and vertical
Plug and Play	DDC2B
Video Resolution	Analog Port Maximum 1600 x 1280 @ 75Hz Digital Port Maximum 1280 x 1024 @ 75Hz
<b>Configuration Port</b>	
Number	1
Type	Serial RS232
Connector	DB9 Female
<b>Network Connection</b>	
Number	1
Type	Ethernet: IEEE 802.3, 10BaseT, Fast Ethernet: IEEE 802.3U, 100BaseT
Connector	RJ45
<b>Analog Port</b>	
Number	1
Type	PS/2 and VGA
Connectors	PS/2 MiniDIN and 15 pin D
<b>Dimensions</b>	
Dimensions (HxWxD)	4.45x43.18x27.94cm 1U form factor (1.75x17.00x11.00in)
Weight	3.6kg (8 lb) without cables
Heat Dissipation	92BTU/Hr
Airflow	8cfm
Power Consumption	25W
AC-input power	40W maximum
AC-input voltage rating	100 to 240VAC Autosensing
AC-input current rating	1A
AC-input cable	18 AWG three-wire cable, with a three lead IEC-320-C13 receptacle on the power supply end and a IEC-320-C14 on the power resource end
AC-frequency	50/60Hz
Temperature	10° to 50° Celsius ( 50° to 122° Fahrenheit) operating -20° to 60° Celsius (-4° to 140° Fahrenheit) nonoperating
Humidity	20 to 80% noncondensing operating 5 to 95% noncondensing nonoperating
<b>Agency Approvals</b>	
EN55022 Class A, EN55024, EN61000-3-3, FCC15 Class A, VCCI Class A, IEC950, EN60950, UL 1950 third edition, CSA C22.2 No. 950	
<b>Warranty</b>	
Three year limited onsite warranty *	

**Need more information?****World Wide Web**

IBM xSeries	<a href="http://ibm.com/pc/ww/eserver/xseries">ibm.com/pc/ww/eserver/xseries</a>
xSeries Options	<a href="http://ibm.com/eserver/xseries/storage">ibm.com/eserver/xseries/storage</a>
xSeries Racks and Rack Options	<a href="http://ibm.com/pc/ww/eserver/xseries/rack">ibm.com/pc/ww/eserver/xseries/rack</a>
IBM xSeries Rack Configurator	<a href="http://ibm.com/pc/us/eserver/xseries/library/configtools">ibm.com/pc/us/eserver/xseries/library/configtools</a>

**Buy Direct**

U.S.	1 888 SHOP-IBM
Canada	1 888 411-1WEB

**IBM Reseller and general information**

United States	1 800 426-7255 ext. 4752
Canada	1 800 426-2255



© Copyright IBM Corporation 2000

IBM Server Group

3039 Cornwallis Road  
Research Triangle Park, NC 27709Produced in the United States of America  
07-02  
All Rights Reserved

The xSeries Rack Configurator is available to assist in selecting console switch placement and cable lengths.

\* For terms and conditions or copies of the IBM limited warranty, call 1 800 772-2227 in the U.S. and in Canada call 1 800 426-2255. Limited warranty includes International Warranty Service in those countries where this product is offered. Registration is required. Telephone support may be subject to additional charges. For warranties including onsite service, IBM sends a technician after attempting to resolve the problem remotely.

IBM reserves the right to change specifications or other product information without notice. This publication could include technical inaccuracies or typographical errors. References herein to IBM products and services do not imply that IBM intends to make them available in other countries. IBM PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME JURISDICTIONS DO NOT ALLOW DISCLAIMER OF EXPRESS OR IMPLIED WARRANTIES IN CERTAIN TRANSACTIONS; THEREFORE, THIS DISCLAIMER MAY NOT APPLY TO YOU.

xSeries and Netfinity systems are assembled in the U.S., Great Britain, Japan, Australia and Brazil and are comprised of U.S. and non-U.S. Components.

IBM, the e-business logo, Netfinity, ServerProven and xSeries are trademarks of IBM Corporation in the United States and/or other countries.

OSCAR, and Keep Alive is a registered trademark of the Avocent Corporation