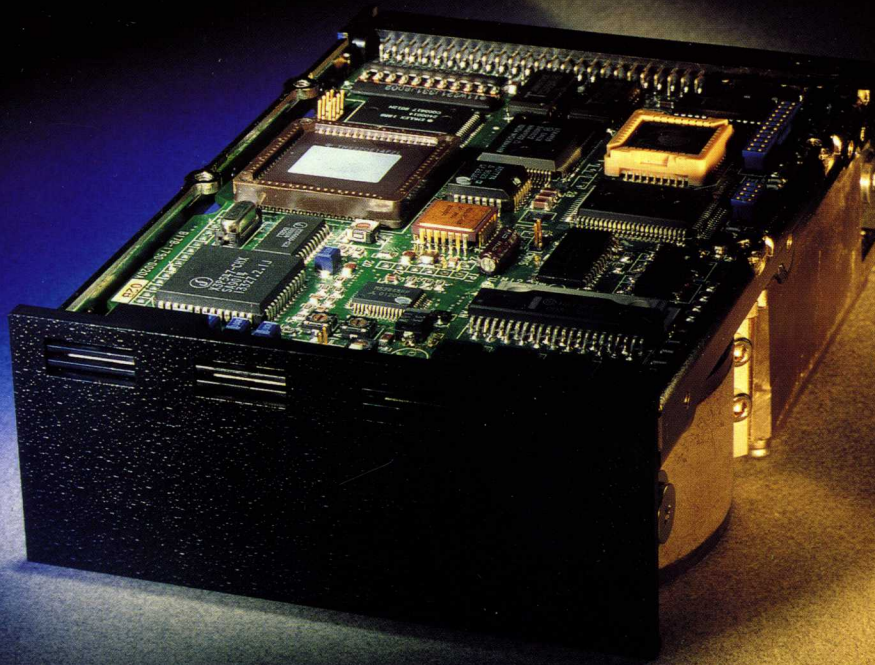


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FUJITSU

FEB 7 1991

M2624 SA/T Series of Winchester Disk Drives



A high-performance family of 3.5-inch SCSI and AT drives, with formatted storage capacities from 330 to 520 megabytes.

Fujitsu's latest generation M2624 family of 3.5-inch Winchester disk drives increase the performance levels of high-end personal computers, workstations, network file servers and disk arrays. The new M2624SA/T series offers the capacities, throughput and reliability demanded by today's data-intensive workstation applications like CAD/CAM, multi-media computing and color graphics, as well as network applications such as file servers.

THE INDUSTRY'S MOST ADVANCED 3.5" DRIVES

Available in three formatted capacities, 520MB, 425MB and 330MB, the M2624SA/T series offers the highest performance and capacity in the 3.5" form factor.

A NEW LEVEL OF WINCHESTER PERFORMANCE

The M2624SA/T series combines the benefits of fast average positioning and low rotational latency in order to provide the minimum access time to data. This is achieved through an average positioning time of less than 12 milliseconds and high rotational speed of 4,400 RPM which reduces latency to 6.8 milliseconds. The programmable 240KB read-ahead cache buffer can be configured to further optimize drive performance and even faster data throughput. The SCSI-1 and SCSI-2 interface is jumper-selectable to maximize compatibility in a variety of applications. The series is also available with an embedded AT interface. In addition, spindle synchronization allows easy integration in either traditional storage or disk array applications.

A REPUTATION FOR EXCEPTIONAL RELIABILITY

Like all Fujitsu high-performance drives, the rugged M2624SA/T series is built for the most demanding applications and hostile environments, as demonstrated by the industry's highest mean time between failure (MTBF) rating of 200,000 hours.

A TECHNOLOGY LEADER FOR OVER TWO DECADES.

With over 25 years of disk drive innovation, Fujitsu's vertical integration and expertise in designing, manufacturing and supporting high-performance, high-capacity storage devices is unmatched.

FUJITSU AMERICA, INC.

Computer Products Group
3055 Orchard Drive, San Jose, CA 95134
1-800-626-4686

	M2622SA/T	M2623SA/T	M2624SA/T
CAPACITY <i>Formatted</i>	330.2MB	425.1MB	520.1MB
DISKS	4	5	6
HEADS	7+1	9+1	11+1
TRACK CAPACITY	28,672-35,840	28,672-35,840	28,672-35,840
CYLINDERS	1,435	1,435	1,435
ROTATIONAL SPEED	4,400rpm	4,400rpm	4,400rpm
LATENCY	6.82ms	6.82ms	6.82ms
TRANSFER RATE <i>Drive (Native)</i>	2.4-3.05MB/sec	2.4-3.05MB/sec	2.4-3.05MB/sec
<i>Asynchronous</i>	3.0MB/sec	3.0MB/sec	3.0MB/sec
<i>Synchronous</i>	5.0MB/sec	5.0MB/sec	5.0MB/sec
ACCESS TIME <i>Track to Track</i>	3ms	3ms	3ms
<i>Average</i>	12ms	12ms	12ms
<i>Maximum</i>	25ms	25ms	25ms
INTERFACE	SCSI-1/2 & PC-AT	SCSI-1/2 & PC-AT	SCSI-1/2 & PC-AT

ENVIRONMENTAL SPECIFICATIONS

SHOCK (At 11ms) <i>Operating</i>	5.0G	AMBIENT TEMPERATURE <i>Operating</i>	5 to 45 Degrees C
<i>Non-Operating</i>	50.0G	<i>Non-Operating</i>	-40 to 60 Degrees C
VIBRATION (5 to 250 Hz) <i>Operating</i>	0.5G	<i>Thermal Gradient</i>	15 Degrees C/Hour
<i>Non-Operating</i>	2.0G	HUMIDITY (Non-Condensing) <i>Operating</i>	20% to 80%
ACOUSTIC NOISE	<40 dBA	<i>Non-Operating</i>	5% to 95%
		WEIGHT	2.64 Pounds

POWER REQUIREMENTS

INPUT VOLTAGE ♦ +12 V. +/- 5% and +5 V. +/- 5%	POWER CONSUMPTION ♦ Seek and read/write < 12.5 Watts
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M2624 PRODUCT HIGHLIGHTS:

- ♦ High-speed data transfer
- ♦ Fast 12 millisecond positioning time
- ♦ Low 6.8ms rotational latency
- ♦ 240KB read-ahead cache buffer
- ♦ 200,000 hour MTBF
- ♦ SCSI-1 or SCSI-2 implementations
- ♦ Jumper-selectable MACINTOSH® compatibility
- ♦ PC-AT interface
- ♦ SCSI spindle synchronization
- ♦ Intelligent defect management
- ♦ Programmable block sizes

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