

2000 SERIES IV



SERVER KMC700-IV

PROCESSORS

- Intel 700 MHz Pentium® III Processor

OPERATING SYSTEMS SUPPORTED

Windows '98, 2000, XP

CHASSIS CONSTRUCTION

Rugged, lightweight aluminum chassis.

A solid unitized construction protects internal subsystems from shock and vibration.



RAM/CACHE

- 128 MB DRAM, upgradeable to 256 MB
- 4MB video DRAM
- Standard 256 K L2 CACHE

HARD DRIVE

40 GB removable – standard

60 GB removable - optional



EMBEDDED PC-CARD SLOTS

Two open PC-Card slots with Card Bus that accommodate one Type III or two Type II devices, or one Type III and one Type II devices.

I/O CONNECTORS

- Power Input: Internal DC to DC Converter with power input range of 10 - 30 VDC
- Video: Simultaneous digital LVDS output and RGB output
- Sound: Amplified (2W) stereo speaker out and mono mic-in
- Mouse/Keyboard Interface: Electronically compliant IBM PS/2
- Serial Ports: Three open RS-232 ports, locking connectors
- Parallel Port: One open ECC/ECP port
- PAL output
- Floppy Drive Port
- USB Ports: two USB Ports

PHYSICAL CHARACTERISTICS

Weight 10 lbs / 4.6 Kg
Size (in) 5 (w) x 13 (d) x 4.25 (h)
Size (cm) 12.7 (w) x 33 (d) x 10.8 (h)

REMOTE PS/2 KEYBOARD & MOUSE

- Full size QWERTY keyboard with 86 keys (USA standard key set)
- Sealed Mouse
- Sealed against weather, dust, and moisture (NEMA 4/ IP56)
- Four-level backlight control

Physical Characteristics

Weight 2 lbs / 0.9 Kg
Size (in) 11.25 (w) x 6.25 (d) x 1.8 (h)
Size (cm) 28.57 (w) x 15.875 (d) x 4.5 (h)

Keyboard Options

- PS/2 "Y" adapter (for connection to standard PS/2 compliant PCs)
- International key sets (Spanish, French, German and others)

Specification subject to change without notice

Pentium® is a registered trademark of Intel Corporation

REMOTE DISPLAY

10.4" 800 x 600 SVGA and 20 ft (6.096 m) cable. Includes one-touch brightness control, on/off button, status LEDs and eight back-lit user-specifiable function keys. Dual independent display capabilities.

Physical Characteristics

Weight 7 lbs / 3.2 Kg
Size (in) 11.5 (w) x 2.5 (d) x 9 (h)
Size (cm) 29.2 (w) x 6.1 (d) x 22.9 (h)

Display Options

- Touch Screen (Resistive Matrix)
- 1200 NIT display brightness (Color TFT LCD)

Optional External Drives

- Remote or display-mounted Floppy/CD-ROM drive module*
- Connector cables reaching up to 15ft (4.572 m)

TEMPERATURE & POWER MANAGEMENT SYSTEMS

Temperature Management System

- Temperature management system will not allow display to turn on at temperatures below -15° C (5° F).
- Temperature management system will prevent server from power-up if temperature is below operating limit.

Power Management System

- User-definable graceful shutdown and power up modes.

Uninterruptable Power Supply

- 10 to 20 VDC external five-minute back-up supply (standard)
- 20 to 30 VDC external five-minute back-up supply (optional)

ENVIRONMENTAL SPECIFICATIONS

Temperature/Humidity

- Operating Temperature: -15° to 60° C (5° to 140° F) Mil-Std-810E, Method 502.3, Procedure I & II
- Storage Temperature: -20° to 60° C (-4° to 140° F) Mil-Std-501.3, Procedure I & II
- Operating Humidity: 10-88% relative humidity, non-condensing
- Storage Humidity: 5-95% relative humidity, non-condensing

Shock:

- Functional: Mil-Std 810F, Method 516.5, Procedure I;
(Operational) 40 Gs at 45 Hz – 200 Hz; 18 drops
- Crash Hazard: Mil-Std 810F, Method 516.5, Procedure V;
(non-operational) 75 Gs at 80 Hz – 2000 Hz; 12 drops

Vibration:

- Functional: Mixed Mode Vibration: Mil-Std 810E
(Operational) Method 514.4, Table 514.4-AV (M1 Tank Hull);
Sinusoidal & Random Vibration: Mil-Std 810C,
Method 514.2, Procedure X, Table 514.2-VII

EMI/EMC

FCC Class A, CE Class B

Safety

ETL, cETL

Altitude

Operational: Mil-Std 810E, Method 500.3, Procedure II -300m to 3000m
Storage: Mil-Std 810E, Method 500.3, Procedure I -400m to 15,000m



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September 2003

2000 SERIES III

SERVER FW2500-III

PROCESSORS

- Intel 500 MHz Pentium® III Processor

OPERATING SYSTEMS SUPPORTED

Windows '98, 2000, XP

CHASSIS CONSTRUCTION

Rugged, lightweight aluminum chassis.
A solid unitized construction protects internal subsystems from shock and vibration.

RAM/CACHE

- 128 MB DRAM, upgradeable to 256 MB
- 4MB video DRAM
- Standard 256 K L2 CACHE

HARD DRIVE

40 GB removable – standard
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*Floppy and CD-ROM drives do not meet NEMA or IP environmental specifications

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