

RM1400

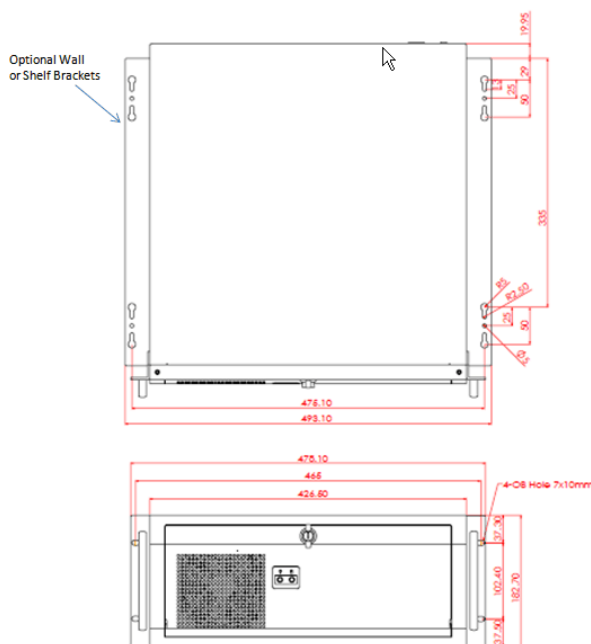
14-Slot High Performance 4U Rack Mount Industrial PC

The Nematron RM1400 is a high performance Core 2 Duo 4U Rack Mount Industrial Computer without integrated display. Its' high performance and standard rack mount form factor make this unit ideal for many industrial test stands and server applications.



Front Accessible Features & Options:

- Lockable Stylish Front Door
- Power Switch w/ Protective Cover
- Power and HDD LEDS
- Recessed Reset Switch
- Two USB 2.0 ports
- DVD-R/W
- Up to Two Removable hard Drives
- Floppy Drive



Standard Features:

- Intel Core 2 Duo E8400
 - 3.0 GHz, 1333 MHz bus, 6 MB CACHE
- 4U 19" rack mount size with stylish lockable front door (optional wall mount brackets)
- DRAM up to 4 GB
- Internal 250 GB SATA hard drive
 - Optional 40 GB Solid State SATA hard drive
- Optional front access Removable hard drives
- Optional floppy drive
- Extensive Connectivity
 - Dual 10/100/1000 Ethernet ports
 - 4 USB 2.0 ports (2 on rear, 2 behind front door)
 - 2 RS-232 serial ports (one selectable 485/422/232)
 - Parallel port
 - PS/2 port (KB/Mouse splitter cable included)
- 14-slot passive backplane with choice of 10 available expansion slots (may require repositioning of I/O brackets)
 - Three ½-length PCI
 - Two ¾-length PCI
 - Two full-length PCI
 - Three ISA (full-length)
- Additional Connectivity (ships with unit but utilizes open expansion slots)
 - Audio (in/out)
 - DVI monitor connection
 - 2 USB 2.0 ports
- DVD-R/W drive (behind lockable front door)
- 400 Watt Power Supply
- UL, cUL, CE, & RoHS (pending)
- Windows XP Professional (Windows 7 & Vista Business optional)

Specifications:

AC Input 100-240 VAC, 47-63 Hz, 8.0A Max
Input Power 400 W

Operating Temperature 0°C to 50°C
Operating Humidity 20% to 80% RH, noncondensing
Operating Shock 15g peak acceleration
 11 msecond

Operating Vibration 0.006" peak to peak,
 1g max 5-2000 Hz

Operating Altitude Sea level to 10,000 feet

Warranty 2 years

Ships With Power Cord, Mounting Hardware
 KB/Mouse Splitter Cable, Drivers, & Manual.
 Also ships with customer installable Audio, USB and
 DVI connections (displaces open available expansion
 slots)

Options DRAM, Solid State Hard Drive, Floppy
 Drive, Removable Hard Drives,
 Operating System

Order Number Generation:

RM1400 – E8400 - DVD

Processor Option	Intel Core 2 Duo E8400 (3 GHZ, 1333 MHz bus, 6 MB CACHE)
DRAM Option	1 GB DRAM 2 GB DRAM 4 GB DRAM
Internal Hard Drive	250 GB (minimum) SATA hard drive 40 GB Solid State SATA hard drive none installed ¹
Floppy Drive	None installed 1.44 MB Floppy installed
Removable Media (Drive Bay 1)	DVD-R/W SATA Drive installed
Second Front Access Bay (Drive Bay 2)	Nothing installed Removable 250 GB (min) SATA hard drive and carrier
Third Front Access Bay (Drive Bay 3)	Nothing installed Removable 250 GB (min) SATA hard drive and carrier
Operating System	Windows XP Professional (must choose a Hard Drive option) Windows 7 Professional Windows Vista Business (must choose a Hard Drive option) No OS installed



- 1 When ordering the no internal drive hard drive option a removable hard drive must be ordered
- 2 Drive Bay 2 must be utilized before Drive Bay 3 can be chosen.

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