

# RM1400

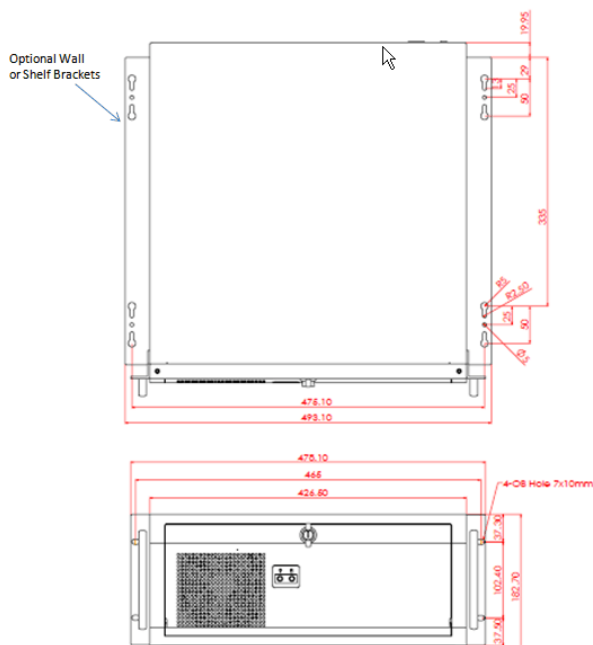
## 14-Slot High Performance 4U Rack Mount Industrial PC

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 80 GB SATA hard drive (optional 250 GB)
- 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 1/2-length PCI
  - Two 3/4-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 (Vista 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, Hard Drive, Floppy Drive  
 Removable Hard Drives, Operating  
 System

## Order Number Generation:

### RM1400 – E8400 - DVD

<b>Processor Option</b>								
-E8400	Intel Core 2 Duo E8400 (3 GHZ, 1333 MHz bus, 6 MB CACHE)							
<b>DRAM Option</b>								
-1GB	1 GB DRAM							
-2GB	2 GB DRAM							
-4GB	4 GB DRAM							
<b>Internal Hard Drive</b>								
-HD	80 GB (minimum) SATA hard drive							
-250HD	250 GB (minimum) SATA hard drive							
blank	none installed <sup>1</sup>							
<b>Floppy Drive</b>								
blank	None installed							
-FD	1.44 MB Floppy installed							
<b>Removable Media ( Drive Bay 1)</b>								
-DVD	DVD-R/W SATA Drive installed							
<b>Second Front Access Bay (Drive Bay 2)</b>								
Blank	Nothing installed							
-RHD	Removable 80 GB (min) SATA hard drive and carrier							
-250RHD	Removable 250 GB SATA hard drive and carrier							
<b>Third Front Access Bay (Drive Bay 3)</b>								
Blank	Nothing installed							
-RHD	Removable 80 GB (min) SATA hard drive and carrier							
-250RHD	Removable 250 GB SATA hard drive and carrier							
<b>Operating System</b>								
-XP	Windows XP Professional (must choose a Hard Drive option)							
-2K	Windows 2000 Professional							
-VS	Windows Vista Business (must choose a Hard Drive option)							
-NOS	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.

## Contact Information

**US and Canadian Office -** Nematron Corporation  
 5840 Interface Drive  
 Ann Arbor, MI 48103 USA  
 Tel: 1.734.214.2000  
 Fax: 1.734.994.8074  
 Email: [info@nematron.com](mailto:info@nematron.com)

**International Office -** Nematron Europe Ltd  
 17A Somerset House, Hussar Court  
 Waterlooville, Hampshire PO7 7SG UK  
 Tel: +44 (0)23 9226 8080  
 Fax: +44 (0) 23 9226 8081  
 Email: [sales@nematron.net](mailto:sales@nematron.net)