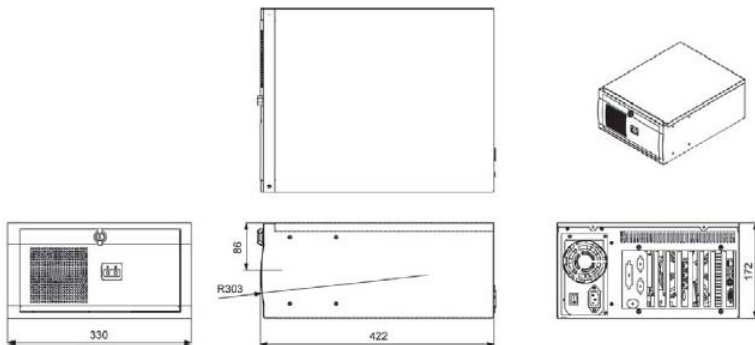


# SB800

## 8-Slot High Performance Industrial PC without Display

The Nematron SB800 is a high performance Core 2 Duo Industrial Computer without integrated display. Its' compact profile and high performance make this unit ideal for many space limited applications.



Horizontal or Vertical Mounting Options

### Standard Features:

- Intel Core 2 Duo E8400
  - 3.0 GHz, 1333 MHz bus, 6 MB CACHE
- Compact size with stylish lockable front door
- Mounting brackets for Horizontal or Vertical mounting to a shelf or panel
- DRAM up to 4 GB
- Up to two internal 250 GB SATA hard drives
  - Optional 40 GB Solid State SATA hard drives
- Optional front access Removable hard 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)
- 8-slot passive backplane with choice of 4 available expansion slots
  - Two ½-length PCI
  - One 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, Mounting Brackets, Drivers,  
 & Manual.

Also ships with customer installable Audio, USB and  
 DVI connections (displaces open available expansion  
 slots)

**Options** DRAM, Solid State Hard Drive,  
 Removable Hard Drive,  
 Operating System

## Order Number Generation:

### SB800 – 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 -2GB -4GB	1 GB DRAM 2 GB DRAM 4 GB DRAM
<b>First Internal Hard Drive</b> -HD -40SS blank	250 GB (minimum) SATA hard drive 40 GB Solid State SATA hard drive none installed <sup>1</sup>
<b>Second Internal Hard Drive <sup>2</sup></b> blank -HD -40SS	None installed 250 GB (minimum) SATA hard drive 40 GB Solid State SATA hard drive
<b>Removable Media</b> -DVD	DVD-R/W SATA Drive installed
<b>Second Front Access Bay</b> Blank -RHD	Nothing installed Removable 250 GB (min) SATA hard drive and carrier
<b>Operating System</b> -XP -W7 -VS -NOS	Windows XP Professional (must choose a Hard Drive option) Windows 7 (must choose a Hard Drive option) 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 option must be ordered
- 2 Second Internal hard drive cannot be installed if First Internal Hard Drive is not installed

## 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)

For more information or to request a quote, visit us online at [www.nematron.com](http://www.nematron.com)