



# Nd61400

## 4U Industrial Rack-Mount Computer Chassis

### Features

- 4U rack mount configuration
- Up to Intel® Core™ 2 Quad processor
- Front-accessible floppy
- CD-ROM / DVD-RW
- Removable hard drive
- Up to 4 GB SDRAM
- VGA video
- 10/100 Mbit Ethernet

The Nd61400 industrial computer features choice of up to 2.66 GHz Core 2 Quad processor plugged into a 14-slot backplane with eight (8) ISA, four (4) PCI and two (2) PICMG slots (other slot combinations are available). This industrial PC is intended for processor-intensive applications requiring high-reliability in an industrial environment. The Nd61400 is available in 4U rack mount configuration with front-accessible floppy, CD-ROM and removable hard drive.

This unit supports up to 4 GB of SDRAM on the Core 2 Quad/Duo configurations. System also includes VGA video, 10/100M bit Ethernet and the standard suite of PC I/O.

# Nd60501 6-Slot Industrial Computer

## Specifications

### CPU

- 2.66 GHz Core 2 Quad
- 2.4 GHz Core 2 Duo
- 2.4 GHz P4 PICMG slot CPU
- 1.2 GHz Pentium III

### System Memory

- 4 GB of SDRAM (Core 2 Duo/Quad)
- Up to 512 MB of SDRAM (PIII)
- Up to 2 GB of SDRAM (P4)

### Drives

- Front mount HDD; DVD-RW; CD-ROM; floppy

### PC I/O

- 10/100BaseT Ethernet, on-board VGA controller, dual channel IDE (max 4 IDE devices), 4x USB ports (P4 only, PIII carries two), 2x serial ports, 1x parallel port, PS/2 mouse and keyboard, Watchdog timer

### Backplane

- 14-slot with 8x ISA, 4x PCI and 2x PICMG slots; fan with front removable filter. Other slot combinations are available

### Power supply

- 250W, 300W, 400W (AT or ATX12V) or redundant power supplies

### Standard color

- Black or beige (PANTONE 414C)

### Construction

- Heavy-duty cold-rolled steel

### Drive capacity

- Exposed 3x 5.25" drives and 1x 3.5" drive

### Cooling

- 1x built-in 78CFM fan with a removable filter

### Indicators

- Power on/off and HDD, both on front panel

### Controls

- Power on/off; system reset; keyboard lock - all on front panel

### Pre-punched rear panel

- Front: one mini DIN 5-pin keyboard. (PS2 connector);
- Rear: one 25-pin

### Plug-in card clamping

- Height adjustable hold-down clamps with rubber cushions

### System board

- PICMG SBC or ATX M/B (12" x 9.6" or 305 mm x 244 mm)

### Speaker

- 1x 0.25W speaker

### 14-slot backplane

- Expansion slots (excludes CPU slots)

PCI	ISA
4	8
7	6
12	1

### Temperature

- 0° to + 50° C (operating)

### Dimension (WxDxH)

- 19" x 17.7" x 7"  
482.6 mm x 450 mm x 177 mm

### Configuration designations

- pp
  - C2Q 2.66 GHz Core 2 Quad
  - C2D 2.4 GHz Core 2 Duo
  - P4 2.4 GHz P4
  - PIII 1.2 GHz Pentium III
- mm
  - 256 MB 256 MB SDRAM
  - 512 MB 512 MB SDRAM
  - 4 GB Call (C2D/C2Q systems only)
  - 2 GB Call (P4 system only)
  - 1 GB Call (P4 system only)

### Drive Options

- Removable drive bays
- RAID 0+1

## Ordering Information

Nd61400-pp-mm-option

## About Computer Dynamics

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## Computer Dynamics Contact Information

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