



Nd61400

4U Industrial Rack-Mount Computer Chassis

Features

- 4U rack mount configuration
- Up to Intel® Core™ i7 processor
- CD-ROM / DVD-RW
- Removable hard drive
- Up to 16 GB SDRAM
- VGA video
- Gigabit Ethernet

The Nd61400 industrial computer features choice of up to an Intel Core i7 processor plugged into a 14-slot backplane with multiple slot options. 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 DVD-RW and removable hard drive.

This unit supports up to 16 GB of SDRAM on the Core i5 / i7 configurations. System also includes VGA video, 10/100/1000BaseT Ethernet and the standard suite of PC I/O.

Specifications

CPU

- Intel Core i5 / i7
- Intel Core 2 Duo
- Intel P4 PICMG slot CPU

System Memory

- 16 GB of SDRAM (Intel Core i5 / i7)
- Up to 4 GB of SDRAM (Intel C2D/C2Q)
- Up to 2 GB of SDRAM (Intel P4)

Drives

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

PC I/O

- 10/100/1000BaseT Ethernet, on-board VGA controller, SATA, 4x USB ports, 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.

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Specifications Continued

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)

Expansion

- 4x PCI
- 7x PCIe x1
- 1x PCIe x16

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
 - i7 2.8 GHz i7
 - i5 2.6 GHz i5
 - C2Q 2.66 GHz Core 2 Quad
 - C2D 2.4 GHz Core 2 Duo
 - P4 2.4 GHz P4*Call for other processor options*
- mm
 - 16 GB Call (i5 / i7 systems only)
 - 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

Computer Dynamics (A CIMTEC Automation Company) is a leading global provider of flat panel display solutions for a wide range of industries and applications. Our comprehensive product offering includes open-frame, enclosed, and environmentally sealed flat panel display systems in both computer and monitor configurations. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and support to deliver what you need. For more than 25 years, CIMTEC Automation has been providing automation solutions throughout the world that deliver value, performance, and innovation.

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