



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 GE Intelligent Platforms 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. The company is headquartered in the U.S. and is a part of GE Intelligent Platforms. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and 24/7 support to deliver what you need. For more information, visit www.cdynamics.com.

Computer Dynamics Contact Information

Americas: 1 864 627 8800

Additional contact information available on our web site at www.cdynamics.com/contact.asp



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