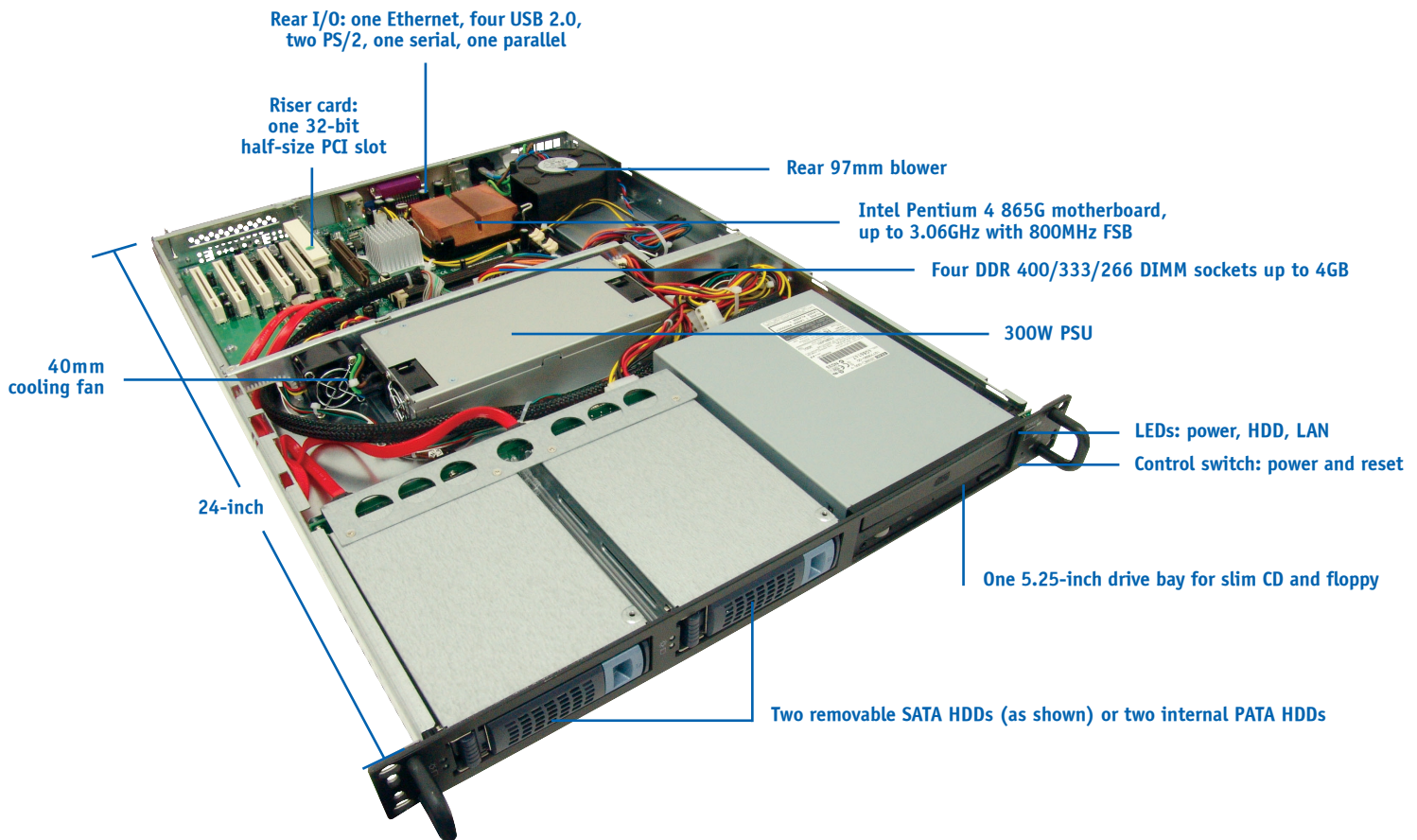


➤ V1100

➤ High value 1U Intel® Pentium® 4 platform



Kontron introduces our newest value 1U platform, the V1100. The V1100 is designed to meet the needs of many general purpose server applications including high density front end servers and clustering applications.

The V1100 is a true low-cost, high-performance 1U solution. Integrated with the next generation Intel Pentium 4 motherboard, the V1100 is able to utilize the Intel 865G chipset featuring Intel Extreme Graphics 2

using Dynamic Video Memory Technology (DVMT). It has two DIMM sockets supporting up to 2GB of DDR400 SDRAM memory.

The V1100 also supports the latest serial ATA150 technology as well as current generation parallel ATA (two channels) hard drives. Users can choose to have two front removable SATA hard drives or two internal parallel ATA hard drives to meet different requirements of vertical markets.

- Intel Pentium 4 processor, up to 3.06GHz with 800MHz FSB
- Hyper-Threading technology support
- Intel 865G chipset + ICH5
- Four 184-pin DDR 400/333/266 SDRAM DIMM sockets, up to 4GB
- One half-size PCI expansion slot @ 32-bit
- Two removable serial ATA hard drive bays or two internal parallel ATA hard drives

▶ V1100 - Technical Specifications

Processor

- Intel® Pentium® 4 processor, up to 3.06GHz with 800MHz FSB

Chipset

- Intel 865G chipset + ICH5

Memory Capacity

- Four 184-pin DIMM connectors supporting up to 4GB

Memory Types

- DDR400 SDRAM memory
- Non-ECC RAM (ECC memory will run in non-ECC mode)

Memory Modes

- Dual- and single-channel operation support

Memory Voltage

- 2.5V

Ethernet

- Intel PRO/1000

Rear I/O

- One LAN port
- One parallel port
- Four USB 2.0 ports
- PS/2 keyboard and mouse ports
- One serial port
- One VGA port

Expansion

- Riser card with one slot for 32-bit half-size PCI card

Dimensions (W x H x D)

- 17 x 1.75 x 24-inch (431.8 x 44.5 x 609.6mm)

Chassis Weight (non-integrated)

- 16.5lb (7.5 kg)

Color

- Black

Front Panel Indicators

- Power on LED
- Hard drive activity LED
- Network activity LED

Front Panel Controls/Connections

- Power on/off switch
- Power reset switch

Drive Capacity

- V1100-SATA: two removable serial ATA hard drives
- V1100-PATA: two internal parallel ATA hard drives
- Both: one 5.25-inch external drive bay

Optional Components

- Slide rail for 26- to 30-inch cabinets

Power Supply

- 300W @ 94/264V AC, 50/60Hz, ATX 12V

Cooling

- One adjustable 97mm blower, 25.43CFM
- One 40mm cooling fan, 15.79CFM
- Passive Cu-base heat sink

Environmental¹

Operating Temperature

- 0 ° to 40 °C (32 ° to 104 °F) @ 100% CPU loading

Operating Humidity

- 5 to 95% @ 40 °C (104 °F) non-condensing

Agency Approvals²

- CE, FCC class A

OS Support

- Windows®2000/XP

Support

- Superior pre- and post sales technical support
- 2-year limited warranty

Ordering Guide

V1100-PATA

- Industrial 1U Intel Pentium 4 platform, 300W ATX PSU, one 5.25-inch external drive bay, two internal 3.5-inch drive bays for PATA HDDs

V1100-SATA

- Industrial 1U Intel Pentium 4 platform, 300W ATX PSU, one 5.25-inch external drive bay, two 3.5-inch front accessible drive bays for SATA HDDs

V1100-RAIL

- 1U slide rail set for 26- to 30-inch cabinets

1. Operating environment specifications may vary based on final configuration.
2. Agency approvals apply to base system and may be affected by additional installed components.



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