

OPTIA® 2U Ruggedized Rack Mount Server

OPTIA®



DESCRIPTION

The OPTIA® 2U ruggedized rack mount server offers high performance computing in a small form factor... smaller than conventional mounted servers. United Computer Products engineers the OPTIA® 2U with the next generation of Quad-Core Intel® Xeon®, 7300 series, four-socket processors, and an expandable memory capacity up to 192 GB.

RUGGEDIZED FEATURES

- Rugged Aluminum Construction
- Temperature Ranges:
 - Operating: 32°F to 104°F (0°C to 40°C)
 - Non-Operating: 4°F to 140°F (-15°C to 60°C)
- Relative Humidity (non-condensing at ambient)
 - Operating 10% to 90%
 - Non-Operating: 5% to 95%
- Maximum Altitude
 - Operating: 10,000 feet
 - Non-Operating: 30,000 feet

SYSTEM SPECIFICATIONS

Enclosure

- Dimensions: 3.5" (H) x 17" (W) x 19½" (D)
- Weight: 32 lbs
- Filtered Air Intake

Processors

- 4 x Intel Quad-Core Xeon MP processor configuration

Hard Drive Storage

- Server SAS Array Controller
- (4) Removable 2.5", 146 GB SAS Hard Drives (w/ carriers), SATA configuration available

System Memory

- 32 GB FB DIMM DDR2 ECC SDRAM (192 GB Maximum)

Operating System

- Microsoft Windows Enterprise Server 2003

Power

- AC: 100-240V, 50/60Hz
- 450 Watts (nominal)

Standard Peripheral Expansion

- PCI-Express
 - 1 (x8) PCI-e (using x16) slot
 - 1 (x8) PCI-e (using x8) slot
 - 1 (x4) PCI-e (using x8) slot
- PCI-X
 - 1x 64-bit 133MHz PCI-X slot

Peripheral Drives

- Internal Slim DVD±RW/CD±RW Drive
- Internal 3.5", 1.44MB Floppy Drive

System I/O

- 2 x RJ-45 Gigabit Ethernet ports
- 2 x USB 2.0 rear ports
- 1 x VGA port
- PS/2 Keyboard and Mouse ports
- 1x Fast UART serial port

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