

Berta-PCle

Berta-PCle Rack Mount Computer



Berta-PCle is the 6U high rack mount computer that provides for large number of the fast PCIe slots. It consists of the high-speed backplane that provides 17 16x high speed PCIe expansion slots. These slots can be used for telecom cards, wall display graphic cards, high-speed data acquisition cards, radar cards.

Berta-PCle computer utilizes most reliable components and comes with warranty of 5 years.

Features

- Integrated Intel i-family or Xeon processors
- Built in Intel HD Graphics
- High speed backplane with 17 16x PCIe expansion slots
- Universal AC power supply up to 1250W
- Raid1 with up to 6TB Seagate server-class SATA Hard Drive
- MTBF >100,000 hours based on our service records

Berta-PCIe

Specifications

Chassis

- Rack mount, 6U, solid steel chassis. Resistant to corrosion and vibration.
- Air cooling with 4X 72 CFM fans wired for full speed with built-in temperature control

Processor

- Intel i7 or Xeon

Chipset

- Intel C206 - long term supply

Memory

- Maximum memory capacity of 32GB is supported when using standard 8GB DDR3 DIMMs and 16GB with 4GB DDR3 DIMMs

Watchdog Timer

- Generates system reset; timeout periods of 100msec, 1sec, 10sec or 1min

Graphics

- Built in Intel HD Graphics

Power supply

- Universal AC ATX power supply up to 1250W. Electrical safety approval to CSA/UL SPE 1000 electrical standard with HI-Pot and leakage tests

Disk I/O

- RAID1 SATA with Seagate Enterprise 2 hard drives up to 6TB

Backplane Expansion Slots

- High speed backplane with 17 x16 PCIe slots

CD-DVD-R/W

- Full size SATA CD-DVD-R/W

Disk Storage Options

- Qty. 1 Seagate server class drive 1 to 6TB
- Qty. 1 Dual drive RAID 0/1 with Seagate server class drives 1 to 6TB
- Qty. 1 Triple drive RAID 0/3/5 with Seagate server class drives 1 to 6TB

Operating Temperature

- 0 ~ 50°C, 60°C for 2 hours (32 ~ 122°F, 140°F for 2 hours)
- Relative humidity 10 ~ 90%, non-condensing

Storage Temperature

- -20 ~ 60°C (-4 ~ 140°F)
- Relative humidity < 50%, non-condensing

Vibration and Seismic

- 5G/15G (US zone 4)

Compliance

- FCC Class A, UL, C-UL, CE

Physical Dimensions

- 10.5" (6U) high, 19" wide and 17" deep.

Weight: 73.6lbs (33.3kg), shipping weight: 78lbs (35.8kg)

Warranty: 5 years

Logitech USB keyboard and mouse included