GPUS-8816

The Portwell's GPUS-8816 is a customizable system based on Intel® Xeon®/Intel® Core™ processors. It supports two full-size PCIe x16 graphic cards and an M.2 NVMe SSD. With its high performance, GPUS-8816 is designed for 3D imaging, DNA sequencing, and much more.

FEATURES

- Intel® Xeon® E3-1200 v6 series / Intel® Core™ i3/i5/i7 7th Gen
- Supports 2x ECC/non-ECC DDR4 SODIMM
- Supports 4x USB 3.0 and 2x USB 2.0
- Supports dual Gigabit Ethernet
- Supports 1x M.2 NVMe SSD and 1x 2.5" SATAIII drive
- Supports 2x full-size PCIe x16 cards

ORDERING GUIDE

- **(R).GPUS-8816 W**
  4PIN FAN, USB 2.0, 3.0

GENERAL

Processor	Intel® Xeon® E3-1200 v6 series / Intel® Core™ i3/i5/i7 7th Gen
BIOS	AMI UEFI BIOS
Storage Device	1x 2.5" SATA III external drive tray
Memory	2x ECC/non-ECC DDR4 SODIMM
Watchdog Timer	Programmable via S/W from 0.5 sec to 254.5 sec
Hardware Monitoring	System monitor (voltage, fan speed, and temperature)
Expansion Interface	- 1x M.2 2280 with M key - 1x mSATA port - 2x full size PCIE x16 slots
Drive Bay	External 2.5''
Cooling Fan	One 12cm ball-bearing cooling fan
Indicator	1x power on/off
Switch	1x power on/off
Standard Color	Charcoal
Backplane	2x PCIe x16 slot, x16 signal; M.2 Type-M socket, PCIe x 4 signal

I/O INTERFACE

Audio	Intel® High Definition Audio interface Realtek® High Definition Audio
Ethernet	2x Gigabit Ethernet (Intel® I219-LM and Intel® I210-AT) 2x RJ45 connectors
USB	4x USB 3.0 and 2x USB 2.0

DISPLAY

Graphic Controller	Integrated Intel® HD graphics
Display Interface	1x DisplayPort on rear bracket, resolution up to 4096 x 2304 @ 60Hz

MECHANICAL & ENVIRONMENT

Operating Temperature	0°C to 60°C
Storage Temperature	-20°C to 80°C
Dimension	16" (L) x 8" (W) x 8" (H); 406.4mm (L) x 203.2mm (W) x 203.2mm (H)
Power Supply	Supports SFX-L power supply
Relative Humidity	5~90%, non-condensing
MTBF	Over 100,000 hours at 40°C