

# ALPS-4400

## Mainstream 4U GPU Server

### Features

- Dual-socket Intel® 1st and 2nd Gen Xeon® Scalable Processor
- 12x DIMM slots support up to 1.5TB DDR4-2667
- 4x PCIe x16 + 3x PCIe x8 slots
- Supports up to 4x GPU cards
- 8x 2.5" SATA 3.0 6Gb/s front-access hot-swappable drive bays
- 2x 2.5" SATA 3.0 6Gb/s rear-access hot-swappable drive bays
- AST2500 BMC with Redfish support
- 1+1, 1,600W redundant power supply

Preliminary



### Specifications

#### • CPU / Chipset / Memory

##### CPU

Intel® 1st & 2nd Gen Xeon® Scalable Processor with TDP up to 205W

##### Chipset

Intel® C621

##### Memory

Support 6+6 DDR4 DIMM slots (6x memory channels per CPU)

Up to 384GB RDIMM/ 768GB LRDIMM/ 1,536GB RDIMM 3DS/LRDIMM 3DS

\*Follow latest Intel DDR4 Memory POR

DDR4 RDIMM/RDIMM 3DS/LRDIMM/LRDIMM 3DS 2933/ 2666/ Intel® Optane DC Persistent Memory Module (DCPMM)

#### • I/O Interfaces

1x VGA port: D-Sub 15-pin port, up to 1920x1200

6x USB ports

Front: 2x USB 3.0 ports

Rear: 4x USB 3.0 ports

2x RJ-45: GbE ports (1 port shared with IPMI)

1x ID button

#### • Networking

Intel® I350-AM2

2x GbE ports (1 port shared with IPMI)

#### • Expansion Slots

3x PCIe Gen3 x8 slots (FH/FL) or 4x PCIe Gen3 x16 slots (FH/FL)

#### • Storage

SATA: 2x Mini-SAS HD (8-ports), RAID 0/1/10/5 (Intel® RSTe)

SATA: 2x SATA-DOM and 1x Mini-SAS HD (4-ports), RAID RAID 0/1/10/5 (Intel® RSTe)

M.2: 1x 2242 (by PCI-E interface) and 1x 2280/2260/2242 (by PCI-E interface)

# Specifications

## ● Mechanical and Environmental

### Form Factor

4U rack mount

700mm(27.5") x 427mm(16.8") x 176mm(6.9")

### Weight

Gross Weight 40kg (88.5 lbs)

Net weight 34 kg (75 lbs)

### System Management

Onboard Aspeed AST2500

24-bit high quality video compression / Supports storage over IP and remote

iKVM: platform-flash / USB 2.0 virtual hub

IPMI 2.0 compliant baseboard management controller (BMC)/10/100/1000 Mb/s MAC interface

### Power Supply

Input: 200-240V AC/9.48A / AC 100-127V/12A

Output: 1,000 Watts Max.(for 100-127V AC) 1,600 Watts Max. (for 200-240V AC)

Efficiency: 80 plus Platinum

Redundancy: 1+1

### Cooling

(5+1) 12cm redundant fans

### Temperature

Operating: +10°C ~ +35°C (+50°F~ +95°F)

Storage: -40°C ~ +70°C (-40°F ~ 158°F)

### Humidity

In/Non-operating Humidity 90%, non-condensing at +35°C

## Operating System

### Windows

Windows 10 1703x64

Windows 10 1709x64

Windows 2012 R2 Update

Windows 2016

Windows 2019 1809

### Linux

FreeBSD 11.1 X64

Ubuntu 17.04 X64

CentOS7 1611 X64

CentOS 7 1708 X64

SLES 11 SP4 X64

SLES 12 SP2 X64

RHEL 6.9 X64

RHEL 7.3 x64

RHEL 7.4 x64

## Regulation

FCC (DoC): Class A

CE (DoC): Class A

CB/LVD: Yes

RCM: Class A

VCCI: Class A