

HTCA-6310S

**3U High Performance x86 Storage Server
Appliance with 16x 3.5" Storage Bays**



Features

- 3U High Performance Storage Server Appliance
- Support Intel® Xeon® E5-2600 v3/v4 Series CPUs and max. up to 8x DDR4 R-DIMM
- 16x hot swappable 3.5" storage Bays
- Support Lanner NIC module on the rear
- One Console RJ45, LOM port, MGT port, 2x USB, VGA port
- Internal 1x PCIe by 16 slot for graphic acceleration card
- 1+1 redundant power and N+1 removable fan module

Specifications

Compute Node

CPU Options	Intel® Xeon® processor E5-2600 v3/v4 Series
BIOS	AMI SPI Flash BIOS
Chipset	Intel C612 Chipset

Memory

Technology	DDR4 2400MHz (Registered)
Max. Capacity	256GB (Registered)
Socket	Up to 8 x 288-pin DIMM

Ethernet Port

Controller	2 x i210
Interface	1 x MGMT port, 1 x LAN port

Storage

Type	SATA III, 6Gb/s per port
Installation	1 X PCIe Socket reserved for RAID Card to support 16 * 3.5" Swappable Drive Bays
Type	CF
Installation	1 x CF socket

I/O

Reset Button	Yes
Console	1 x RJ45 (without LED)
Display	VGA
USB	2 x type A
IPMI	OPMA socket to support IPMI (IAC-AST2300)

Expansion

PCIe	2x by 8 (1 used for RAID card) 1x by 16 (By SKU)
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Cooling

Processor	CPU heatsinks with fan duct
System	3 x hot-swappable cooling fan sets with smart fan control

Environment

Operating/Storage Temperature	0 ~ 40°C / -20 ~ 70°C
Relative Humidity	5% ~ 90%, non-condensing

Miscellaneous

LCD Module	N/A
Watchdog	Yes
Internal RTC with Li Battery	Yes

Mechanical

Dimension (W x H x D)	442 x 132 x 736.6 mm
Weight	30 kg
Mounting	Rack mount

Power

Type / Watts	AC 1200 watt 1+1 Redundant /each DC 1010 watt 1+1 Redundant /each PM bus support, up to 2 PSU slots
Input	AC 100~240V DC -36~-72V

OS Support

Linux	Linux Kernel 2.6 or above
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Certification

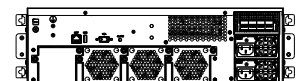
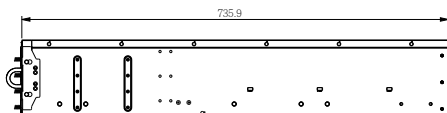
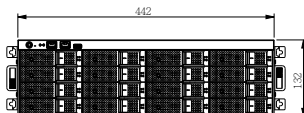
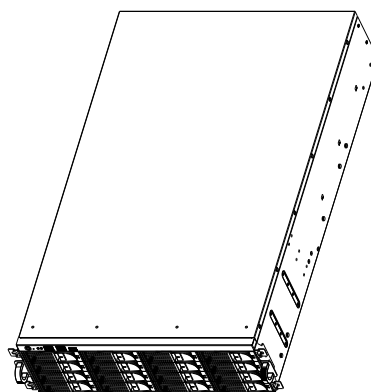
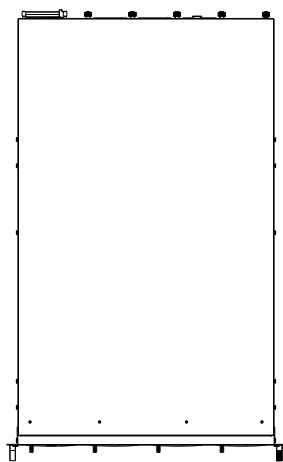
EMC	CE Class A, FCC Class A
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■ Product I/O View



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|-----------------------|------------------------|---------------------------------|
| A Power On/Off | D USB ports | G NIC module slot |
| B MGMT port | E RJ45 LAN port | H Swappable Fans |
| C Console | F VGA port | I Redundant Power Supply |

■ Dimensions 442 x 132 x 736.6 mm



■ Ordering Information

- HTCA-6310SA** HybridTCA™ high-performance chassis 3U storage server appliance with Intel® Xeon® E5-2600 series v3/v4 processors + 16 bays 3.5" HDDs with 1x NIC module slot
- HTCA-6310SB** HybridTCA™ high-performance chassis 3U storage server appliance with Intel® Xeon® E5-2600 series v3/v4 processors + 16 bays 3.5" HDDs + Riser for 1x PCIe by 16 with 1x NIC module slot