

HTCA-6600

High Availability Chassis 6U Telecom Network Appliance with 6 x86 CPU Blades and 6 I/O Blades



■ Features

- High availability, full redundancy and extreme high performance
- 6 CPU blades in the rear, per blade supports up to 2 Intel® Xeon® Processor Scalable Family and 16x DDR4 R-DIMM
- 6 x Swappable I/O blades on the front, supporting up to 2x Switch blades or 6x Ethernet blades; 6x swappable 3.5" HDD bays
- NEBS compliant design
- Redundant power supply and removable fan module

■ Preliminary Specifications

Compute Node

CPU Options	Intel® Xeon® Processor Scalable Family
Frequency	Depending on CPU
Core Number	Depending on CPU
BIOS	AMI SPI Flash BIOS
Chipset	Intel C621/C627 Chipset

Memory

Technology	Six-channel DDR4 (Registered)
Max. Capacity	512GB (Registered) per M/B tray
Socket	Up to 16 x 288-pin DIMM per M/B tray

Switch Blade

Switch Fabric	Depending on Switch blade specification
Speed	Depending on Switch blade specification
Interface	Depending on Switch blade specification

Ethernet Blade

Controller	XL710
Speed	10Gbps
Interface	Up to 20 x SFP+

Storage

Type	SATA III, 6Gb/s per port
Installation	6 x 3.5" swappable drive bays
Type	N/A
Installation	N/A

I/O

Reset Button	Yes
Console	1 x RJ45
USB	1 x type A
IPMI	OPMA socket to support IPMI (IAC-AST2500)

Expansion

PCIe	N/A
PCI	N/A

Cooling

Processor	CPU heatsinks with fan duct
System	5 x hot-swappable cooling fan sets with smart fan control for each computing blade

Environment

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

Miscellaneous

LCD Module	2 x 20 characters
Watchdog	Yes
Internal RTC with Li Battery	Yes

Mechanical

Dimension (W x H x D)	438 x 265.9 x 685.8 mm
Weight	55 kg
Mounting	Rack mount

Power

Type / Watts	AC 1300 watt N+1 Redundant /each DC 1300 watt N+1 Redundant /each PM bus support, up to 6 PSU slots
Input	AC 85~264V DC -36~-72V

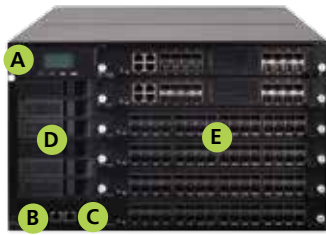
OS Support

Linux	Linux Cent OS 7.2 or above
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Certification

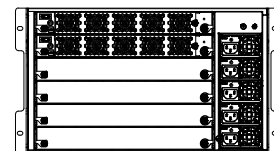
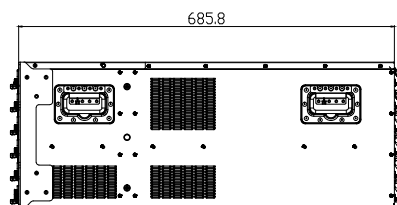
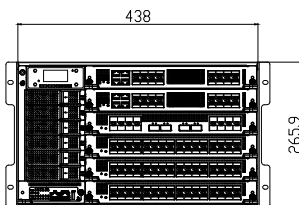
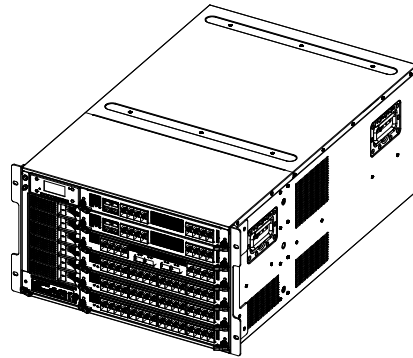
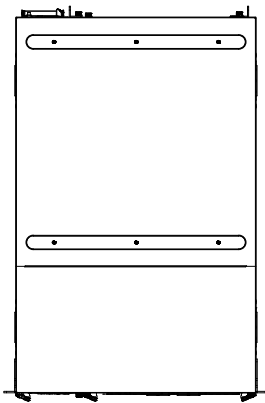
EMC	CE Class A, FCC Class A
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Product I/O View



- A** LCM
- B** Console
- C** LOM port
- D** Swappable drive bays
- E** Swappable I/O blades
- F** CPU blades
- G** RPS

Dimensions 438 x 265.9 x 685.8 mm



Ordering Information

HTCA System	HTCA-6600A	HybridTCA™ high-performance chassis 6U telecom network appliance with 6 CPU blades with 12 x Intel® Xeon® Scalable processors + 6 bays for 3.5" HDDs with 6 I/O blades slots
Compute Blade	HMB-6110	x86 compute node with 2 x Intel® Xeon® Processor Scalable Family
Switch Blade	HLM-1004	16 port 10GbE SFP+ 4 port 10GbE RJ45 switching blade
	HLM-1021	2 port 100GbE QSFP28 + 16 25/10GbE SFP28 + 4 10GbE RJ45
	HLM-1030	6 port 100GbE QSFP28 + 4 40GbE QSFP+ + 16 10GbE SFP+, IEEE 1588 expansion module (By SKU)
	HLM-1100	16 port 100GbE QSFP28 + 8 25/10GbE SFP28
Ethernet Blade	HLM-1001	20 port 10GbE SFP+ Ethernet network interface blade

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