

HTCA-6200

High Availability Chassis 2U Telecom Network Appliance with 2 x86 CPU Blades and 2 I/O Blades



■ Features

- High availability, full redundancy and extreme high performance
- Blade 1~2: Switch fabric blade or ethernet I/O blade
- 2 x swappable 2.5" HDD bays
- Redundant power supply and removable fan module
- NEBS compliant design

■ Preliminary Specifications

Compute Node

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

Memory

Technology	Six-channel DDR4 2666MHz (Registered)
Max. Capacity	512GB (Registered) per M/B tray
Socket	Up to 16 x 288-pin DIMM per M/B tray

Networking

Ethernet Ports	Blade 1~2: Switch fabric blade or ethernet I/O blade
Blade Slot	2

Switch Blade

Switch Fabric	Broadcom Tomahawk BCM56960, BCM56770 or Intel Tofino
Speed	100/40/25/10Gbps per port
Interface	6 port 100GbE QSFP28 + 4 40GbE QSFP+ + 6 10GbE SFP+ 2 x 100GbE QSFP28 , 16 x 10/25GbE QSFP +, 4 x 10GbE RJ45 14*100GbE QSFP28

Ethernet Blade

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

Storage

Type	SATA III, 6Gb/s per port
Installation	2 x 2.5" swappable drive bays
Type	M.2 2280
Installation	1 x M.2 2280 Socket Per M/B tray

I/O

Reset Button	Yes
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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 88 x 685.8 mm
Weight	26 kg
Mounting	Rack mount

Power

Type / Watts	AC 2000 watt N+1 DC 1600 watt N+1 (only when -52V~72V)
Input	AC 220~240V DC -36~-72V

OS Support

Linux	Linux Kernel 2.6 or above
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Certification

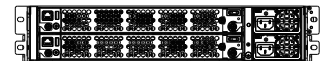
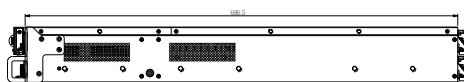
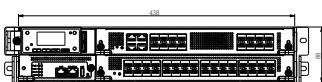
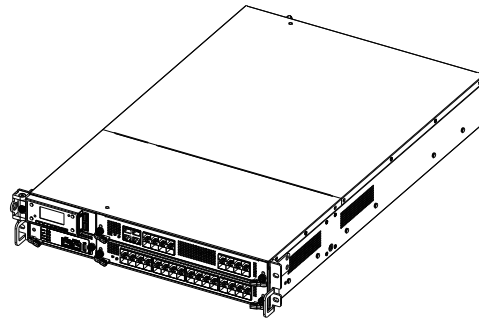
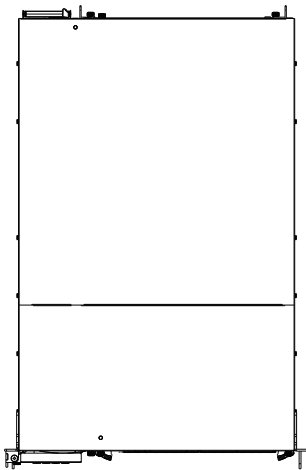
EMC	CE Class A, FCC Class A
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Product I/O View



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

Dimensions 438 x 88 x 686.5 mm



Ordering Information

HTCA System	HTCA-6200C	HybridTCA™ high-performance chassis 2U telecom network appliance with 2 CPU blades with Intel® Xeon® Scalable processors + 2 bays for 3.5" HDDs with 2 I/O blades slots
Compute Blade	HMB-6110	x86 compute node with 2 x Intel® 2nd Gen Xeon® Processor Scalable Family
Switch 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+
	HLM-1101	14x 100GbE QSFP28 Intel Tofino Programmable Switch Blade for HTCA-6600 Series with Control board(HMB-1010)
	IEEE1588 Card	IEEE1588 Timing Card
Ethernet Blade	HLM-1001	20 port 10GbE SFP+ Ethernet network interface blade
Storage Blade	HDM-1006	1U Storage Blade with 6x NVMe SSD Trays for HTCA-6000 Series

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