

# HTCA-6400

**High Availability Chassis 4U Telecom Network Appliance with 4 x86 CPU Blades and 2x Switch blades for redundancy, Storage blades with 10x NVMe SSD or Network blades**



## ■ Features

- High availability, full redundancy and extreme high performance
- 4 compute blades in the rear, per blade supports up to dual Intel® Xeon® Scalable (Skylake-SP) CPUs and 16x DDR4 R-DIMM
- 2x switch blades in upper two slots for redundancy
- Storage blades with 10x NVMe SSD in bottom two slots or up to 4x Ethernet blades
- Up to 80 ports 10G SFP+ Ethernet ports
- N+N Redundant power supply and removable fan module
- NEBS compliant design

## ■ 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 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	8 x 2.5" swappable drive bays

### 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 177 x 685.8 mm
Weight	TBD
Mounting	Rack mount

### Power

Type / Watts	AC 2000 watt N+N Redundant /each DC 1600 watt N+N Redundant /each PM bus support, up to 4 PSU slots
Input	AC 85~264V DC -36~-72V

### OS Support

Linux	Linux Cent OS 7.2 or above
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### Certification

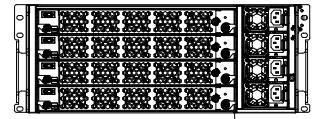
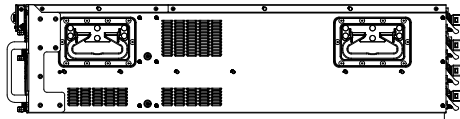
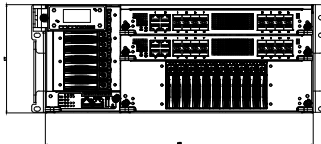
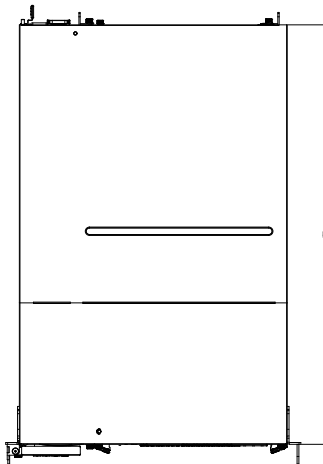
EMC	CE Class A, FCC Class A
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## Product I/O View



- A** LCM
- B** Console
- C** LOM port
- D** Storage blade
- E** Programmable Switch blades
- F** CPU blades
- G** N+N PSUs

## Dimensions 438 x 177 x 685.8 mm



## Ordering Information

<b>HTCA System</b>	<b>HTCA-6400A</b>	HybridTCA™ high-performance chassis 4U telecom network appliance with 4 CPU blades with 8 x Intel® Xeon® Scalable processors + 8 bays for 2.5" HDDs with 4 I/O blades slots
<b>Compute Node</b>	<b>HMB-6110</b>	x86 compute node with 2 x Intel® Xeon® Processor Scalable Family
<b>Switch Blade</b>	<b>HLM-1021</b>	2 port 100GbE QSFP28 + 16 25/10GbE SFP28 + 4 10GbE RJ45
	<b>HLM-1030</b>	6 port 100GbE QSFP28 + 4 port 40GbE QSFP, 16x 10GbE SFP+, , IEEE 1588 expansion module (By SKU)
<b>Ethernet Blade</b>	<b>HLM-1001</b>	20 port 10GbE SFP+ Ethernet network interface blade

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