

HTCA-E400

Carrier-grade Edge Server Chassis for Open
RAN / MEC

PRELIMINARY



Features

- Carrier-grade, full redundancy and extreme high performance
- 3rd Generation Intel® Xeon® Scalable Processor with AI Acceleration
- Support 5x 1U compute sleds or 2x 2U+1U compute sleds
- Support 2x 1U switch sleds for redundancy
- Support OCP NIC 3.0 Modules, 2U sled Support FH3/4L double width PCIe Card, 1U sled Support FHHL PCIe by 16 card
- 450mm Short Depth Chassis for Edge Deployment
- Distinguished, Flexible and Front I/O Access
- 1+1 Redundant Hot-swappable PSU
- NEBS-3 Compliant for Harsh Conditions

Preliminary Specifications

Compute Sled

CPU Options	Depending on compute sled
Frequency	Depending on CPU
Core Number	Depending on CPU
BIOS	AMI SPI Flash BIOS
Chipset	Depending on compute sled

Memory

Technology	Depending on compute sled
Max. Capacity	Depending on compute sled
Socket	Depending on compute sled

Switch Sled

Switch Fabric	Depending on Switch sled specification
Speed	Depending on Switch sled specification
Interface	Depending on Switch sled specification

Storage

Type	M.2
Installation	M.2 2280 x1

I/O

Reset Button	N/A
Console	1 x RJ45
USB	On compute sled or switch sled
IPMI	On board AST2500

Expansion

PCIe	Depending on compute sled
PCI	N/A

Cooling

Processor	CPU heatsinks with fan duct
System	Cooling fans in Compute Sled and Switch Sled

Environment

Operating/Storage Temperature	-5~50°C Operating (NEBS SKU), 0~40°C Operating (Commercial SKU), -40~70°C Non-Operating
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)	444 x 175.5 x 450 mm
Weight	27.5 kg (Full configuration)
Mounting	4U Rack mount

Power

Type / Watts	3000W 1+1 Redundant PSU
Input	220 – 240V @50-60HZ, 15.5A MAX

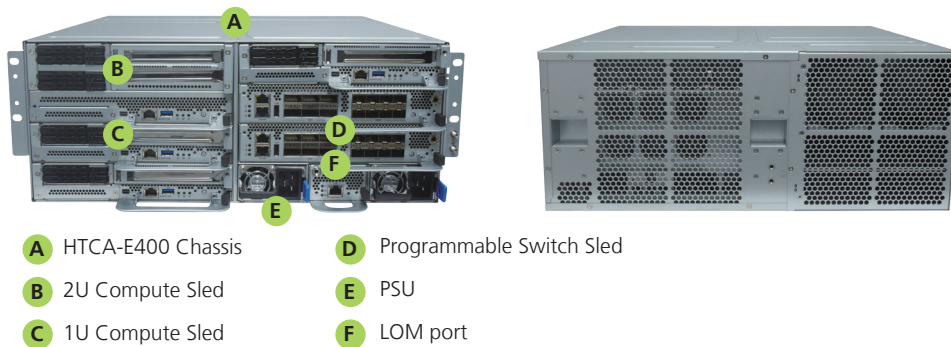
OS Support

Linux	Linux Cent OS 7.2 or above
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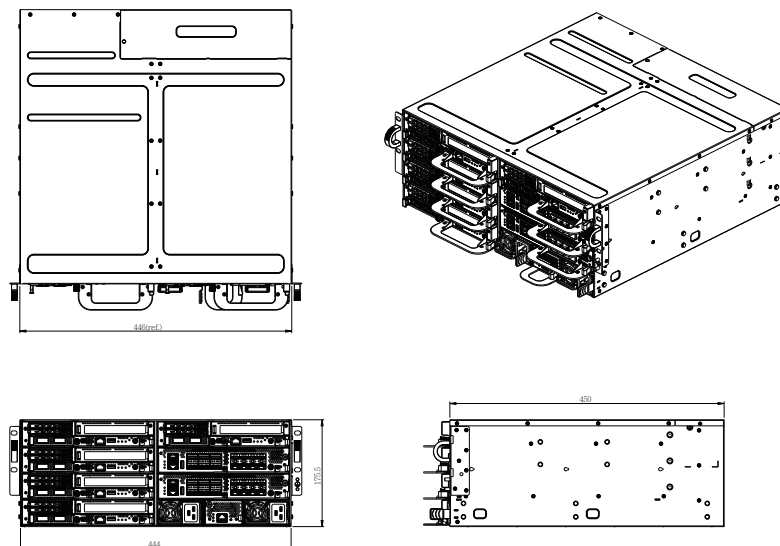
Compliance

EMC	CE Class A, FCC Class A, Design comply for NEBS Level 3
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■ Product I/O View



■ Dimensions 444 x 175.5 x 450 mm



■ Ordering Information

HTCA System	HTCA-E400	HybridTCA™ 4U telecom network appliance
Compute sled	HMB-E100A	1U Compute sled
Compute sled	HMB-E200A	2U Compute sled
Switch sled	HLM-E110A	1U Switch sled

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Lanner

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