

HCP-72i2

**High Availability Rackmount 2U Telecom
Network Appliance with 2 x86 CPU Blades and
3 I/O Blades**



■ Features

- High availability, full redundancy and extreme high performance
- 2 CPU blades in the rear. Supports up to 4 Intel® Xeon® E5-2690 v3 CPUs and 32x DDR4 R-DIMM
- Dual Mainboard communication through NTB port
- 3 swappable I/O blades on the front. Support up to 36 x 1GbE or 24 x 10GbE network ports in an array of SFP or copper combinations
- 2 x swappable 2.5" HDD bay
- NEBS compliance
- Redundant power supply and removable fan module

■ Preliminary Specifications

Processor System

CPU	4 x Intel® Xeon® processor E5-2690 v3 series (Haswell-EP)
Frequency	Depending on CPU
Core Number	Depending on CPU
BIOS	AMI SPI Flash BIOS
Chipset	Intel C612 Chipset

Memory

Technology	Quad-channel DDR4 2133 MHz (Registered)
Max. Capacity	512GB (Registered)
Socket	Up to 32 x 240-pin DIMM

Networking

Controller	Intel 82574L & 82599ES
Speed	10/100/1000 Mbps
Interface	RJ-45 ,SFP, SFP+

Storage

Type	SATA
Installation	2 x 2.5" swappable drive bays
Type	mSATA
Installation	2 x mSATA sockets

I/O

Reset Button	Yes
Console	Up to 2 x RJ45; each blade x 1
USB	2 x type A
IPMI	OPMA socket to support IPMI (IAC-AST2300)
H.A. port	2 x 10G SFP+

Expansion

PCIe	N/A
PCI	N/A

Cooling

Processor	Up to 4 x CPU heatsinks with fan duct; each blade x 2
System	Up to 10 x independent hot-swappable cooling Fans with smart fan control, each blade x 5

Environment

Operating/Storage Temperature	0 ~ 55°C / 105W 0 ~ 40°C / 135W
Relative Humidity	5% ~ 90%, non-condensing

Miscellaneous

LCD Module	Hinge LCM
Watchdog	Yes
Internal RTC with Li Battery	Yes

Mechanical

Dimension (W x H x D)	431 x 88 x 718.1 mm
Weight	35 kg
Mounting	Rack mount

Power

Type / Watts	AC 1200 watt 1+1 Redundant /each DC 1010 watt 1+1 Redundant /each PM bus support
Input	AC 100~240V@50~60Hz DC -36~-72V

OS Support

Linux	Linux Kernel 2.6 or above
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Certification

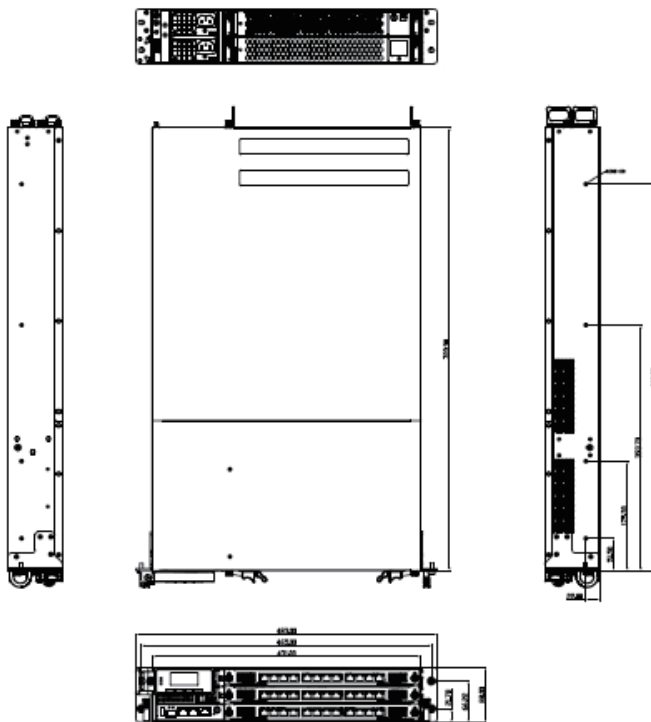
EMC	CE Class A, FCC Class A
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■ Product I/O View



- A** Hinge LCM
- B** Console
- C** LOM port
- D** Sync port
- E** Swappable I/O Blades
- F** CPU Blades
- G** RPS

■ Dimensions 431 x 88 x 718.1 mm



■ Ordering Information

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|--------------------|--|
| HCP-72i2 | HybridTCA™ high-performance telecom network appliance with 2 CPU blades with 4 x Intel® Xeon® E5-2690 series v3 (Haswell-EP) processors + 2 bays for 2.5" HDDs with 3 I/O blades slots |
| TCM-IGTC01A | 12 ports GbE RJ45 networking I/O blade |
| TCM-ISTC01A | 12 ports GbE SFP networking I/O blade |
| TCM-IXM801A | 8 ports 10GbE SFP+ networking I/O blade |

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