

HCP-72i I

High Availability Hybrid Network Security Appliance with Two Mainboard with Intel® Xeon® E5-2600 v2 processors (Ivy Bridge) and 3 Networking I/O blades



■ Features

- High Availability, Full Redundancy and Extreme High Performance
- 2 CPU blades in the rear; each blade supports Ivy-Bridge E5-2600 v2 Family up to 130W CPU
- Dual Mainboard communication through NTB port up to 20Gb bi-directional
- Each blade supports 16x DDR4 R-DIMM
- 3 Hot-swappable I/O blades on the front
- IPMI port for remote management
- Removable Fan modules

■ Preliminary Specifications

Processor System

CPU	Intel® Xeon® processor E5-2600 v2 series
Frequency	Depending on CPU
Core Number	Depending on CPU
BIOS	AMI SPI Flash BIOS
Chipset	Intel C604 Chipset

Fanless

No

Memory

Technology	Quad-channel DDR3 1066/1333/1600 MHz (Registered, ECC)
Max. Capacity	512GB (Registered)
Socket	Up to 16 x 240-pin DIMM, each blade support 8 DIMM

Ethernet

Controller	Intel 82576EB or 82599ES
Speed	10/100/1000 Mbps
Interface	RJ-45 ,SFP or QSFP
Bypass	Depending on I/O Blade

Storage

Type	SATA
Installation	2 x SATA connectors with 2.5" drive bays
Type	mSATA
Installation	1 x mSATA socket

I/O

Reset Button	1 for each CPU blade
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	1 x RJ45

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 Temperature	0 ~ 55°C
Storage Temperature	0 ~ 40°C
Relative Humidity	5% ~ 95%, 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

Driver Support

Microsoft Windows	Windows Server 2003, 2008.
Linux	Linux Kernel 2.6 or above

Certification

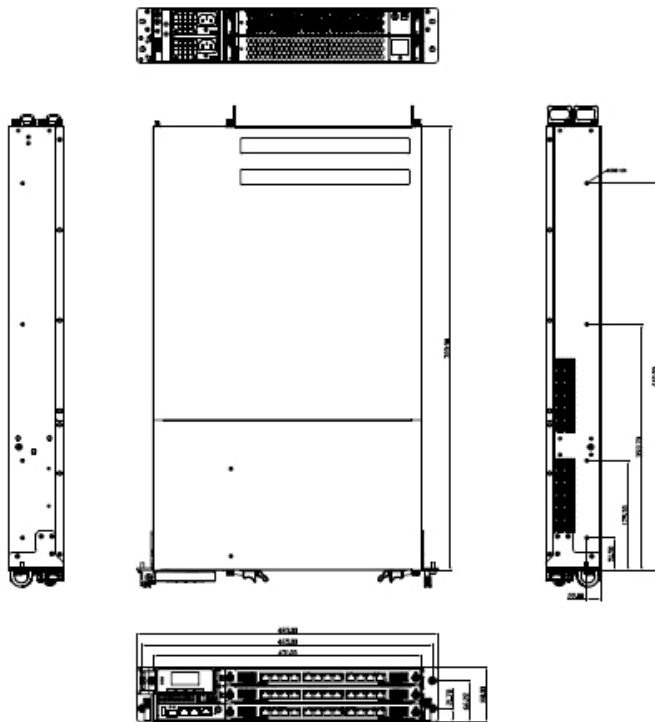
EMC	CE Class A, FCC Class A, C-Tick, VCCI
Safety	UL

■ Product I/O View



- A** Hinge LCM
- B** Console
- C** LOM port
- D** HA port
- E** CPU Blades
- F** Hot Swappable I/O Blades

■ Dimensions 431 x 88 x 718.1 mm



■ Ordering Information

HCP-72i1 HybridTCA™ High-performance Network Appliance with 4 x Intel® Xeon® E5-2600 series (Sandy/Ivy-Bridge-EP) processor + 2 bays for 2.5" HDDs with 3 Ethernet blades

■ I/O Blades List

NCM-BPGC01A	12 ports GbE RJ-45	Gen 2 Bypass
NCM-BPGC01B	12 ports GbE RJ-45	Without Bypass
NCM-BPSC01A	12 ports GbE SFP	Without Bypass
NCM-BPX402A	4 ports 10G SFP+	Without Bypass
TCM-IXT801A	8 ports 10G SFP+	Without Bypass
TCM-IQT401A	4 ports 40G QSFP	Without Bypass

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