

# HCA 1000 Appliance Hardware Specification

## PRODUCT FEATURES

Two node Appliance in a 2U form factor. Each node supports the following:

- Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4
- v4; QPI up to 9.6GT/s
- Up to 256 GB DDR4- 2133 MHz
- 800 GB SATA-SSD Primary Storage
- 6 TB HDD Bulk Storage
- Intel® X540 Dual port 10GBase-T LAN
- Integrated IPMI 2.0 with KVM and Dedicated LAN
- LSI 3008 SAS3 controller (8 ports);
- 1600W Redundant Power Supplies Titanium Level (96%)

### SYSTEM SPECIFICATIONS (PER NODE)

CPU	2 Intel® Xeon® processors E5-2620 v4 2.1 Ghz.
Cores	8 Cores per CPU
Caches	20 MB
System Bus	QPI 9.6 GT/s Max
Memory	128 GB DDR4 2133 ECC REG or 256 GB DDR4 2133 ECC REG

### STORAGE (PER NODE)

Flash Storage (Primary Storage)	800 GB SATA SSD
Bulk Storage	3 x 2 TB SATA 7200 RPM HDD's

## FRONT PANEL

Buttons	Power On/Off button UID button
LEDs	Power status LED
	HDD activity LED
	2x Network activity LEDs
	Universal Information (UID) LED

## POWER SUPPLY

1600W Redundant Titanium Level Single Output Power Supplies	
AC Input	800W Output @ 100-140V, 7-10A, 50-60Hz
	1600W Output @ 180-240V, 8-11A, 50-60Hz
DC Output	800W: +12V/67A, +5Vsb/1A
	1600W: +12V/133A, +5Vsb/1A
Certification	Titanium Level Certified

## CHASSIS

Form Factor	2U Rack-mount
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## PHYSICAL SPECS

Width	17.25" (438 mm)
Height	3.47" (88 mm)
Depth	28.75" (730 mm)
Weight	145 lbs (66 kg)

## OPERATING ENVIRONMENT / COMPLIANCE

RoHs	RoHS Compliant	
Environmental Spec.	Operating Temperature:	10°C to 35°C (50°F to 95°F)
	Non-operating Temperature:	-40°C to 70°C (-40°F to 158°F)
	Operating Relative Humidity:	8% to 90% (non-condensing)
	Non-operating Relative Humidity:	5% to 95% (non-condensing)
Fans	4x 8cm heavy duty PWM fans with optimal fan speed control	

