

HCA 2000 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
- 1.4 TB PCIe Flash Primary Storage
- 12 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 E5-2640 v4 2.4 Ghz.
Cores	10 Cores per CPU
Caches	25 MB
System Bus	QPI 9.6 GT/s Max
Memory	256 GB DDR4 2133 ECC REG

STORAGE (PER NODE)

Flash Storage (Primary Storage)	1.4 TB PCIe Flash
Bulk Storage	6 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	162.8 lbs (74 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	

