

EMC ISILON PERFORMANCE ACCELERATOR

Scale-out storage platform extension node



EMC Isilon Performance Accelerator

The EMC® Isilon® Performance Accelerator™ was designed to enable enterprises with high-performance storage requirements to meet their most demanding challenges by modularly and cost-effectively scaling single-stream performance to more than 400 megabytes per second (MB/s) and throughput of over 100 gigabytes per second (GB/s), all at a much lower cost than traditional storage systems. The Isilon Performance Accelerator is an ideal solution for demanding performance environments that require the ability to scale performance independent of capacity.

Specifications

FEATURES

The Performance Accelerator combines unmatched performance with features that meet the increasingly more complex demands of next-generation enterprise datacenters. Ten gigabit Ethernet (GbE) front-end networking provides an ideal integration point for next-generation 10 GbE enterprise networks and for workflows that require a high-performance conduit into storage.

The Performance Accelerator offers the ability to join Isilon storage clusters on the fly—in about 60 seconds.

ATTRIBUTES

	10 GbE MODELS	1 GbE MODEL
FRONT-END NETWORKING	10 Gb Ethernet X Two (2) (Fiber or Copper)	1 Gb Ethernet X Two (2) (Copper)
ECC MEMORY	8 gigabytes (GB) or 32 GB	8 GB
CPU	Intel Quad-Core 2.3 Ghz X Two (2)	Intel Quad-Core 2.0 Ghz X One (1)
INTRACLUSTER NETWORKING	Two (2) InfiniBand connections	

ENVIRONMENTAL SPECIFICATIONS

POWER SUPPLY	Dual, 650W, Redundant, Hot Swappable with Power Factor Correction
AC INPUT/POWER CONSUMPTION	100-240 VAC, 60-50 Hz, Auto-Ranging, typical: 3.1A-1.25A, max: 4A-1.5A
THERMAL RATING	Typical: 1250 BTU/hour (360W), Max: 1350 BTU/hour (400W)
OPERATING ENVIRONMENT	50° F to 95° F (10° C to 35° C), 5% to 95% relative humidity, non-condensing
NON-OPERATING ENVIRONMENT	-40° F to 149° F (-40° C to 65°C), 5% to 95% relative humidity, non-condensing
DIMENSIONS/WEIGHT	Height: 1.72" (4.4 cm), Width: 18.87" (47.9 cm), Depth: 28.6" (72.6 cm), Weight: 30 lbs/13.6 kg
ALTITUDE	0-7,000 ft
MINIMUM SERVICE CLEARANCES	35" (88.9 cm), Rear: 14" (35.6 cm)

INDUSTRY CERTIFICATIONS

NORTH AMERICAN (NA) SAFETY	UL/cUL Listing (UL 60950-1:2003, First Edition) CSA C22.2 No.60950-1-03
INTERNATIONAL SAFETY CD SCHEME	IEC 60950-1 (2001) First Edition with all national deviations
EUROPEAN UNION (EU) SAFETY CE	Low Voltage Directive
NA EMC US FCC PART 15	Canada IC ICES-03
INTERNATIONAL EMC EU EMC DIRECTIVE (EN 55022 AND EN 55024)	Japan (VCCI) South Korea (MIC) China (CCC)

CONTACT US

To learn more about how EMC Isilon products, services, and solutions can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller—or visit us at www.EMC.com/Isilon.

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