



**Integrated Data Protection Appliance DP4400**

# DELL EMC INTEGRATED DATA PROTECTION APPLIANCE (IDPA) DP4400

**Perfect balance of power and simplicity at the lowest total cost-to-protect**

Leveraging the same proven enterprise-level technologies that have made Dell EMC the market leader in data protection for enterprise organizations, the IDPA DP4400 was built from the ground up for small and mid-size organizations. It offers converged data protection to deliver backup, replication, deduplication, instant access for application test and dev as well as cloud disaster recovery and long-term retention add-on capabilities, in a single, customer-installable 2U system, and delivers up to 2x<sup>3</sup> shorter backup windows. It provides the perfect mix of power and simplicity with simplified management, deployment, and grow-in-place capacity expansion, while also delivering the largest application ecosystem, unmatched performance, and native cloud readiness. The IDPA DP4400 delivers **simply powerful data protection** at the lowest cost-to-protect<sup>4</sup> and is guaranteed.

## Specifications

**Table 1. IDPA DP4400 Performance and Capacity**

	<b>DP4400</b>	
<b>MAXIMUM THROUGHPUT<sup>1</sup></b>	Up to 9.0 TB/hr	<ol style="list-style-type: none"> <li>1 Top-end values are maximums – actual capacity &amp; throughput depends on application workload, deduplication, and other settings.</li> <li>2 Mix of typical enterprise backup data (file systems, databases, email, developer files). The low end of capacity range represents a full backup weekly or monthly, incremental backup daily or weekly, to system capacity. The top end of the range represents full backup daily, to system capacity. All capacity values are calculated using Base10 (i.e., 1 TB = 1,000,000,000,000 bytes).</li> <li>3 ESG Lab Review commissioned by Dell EMC, February 2018, versus a competitive Vendor A. Additional information on the testing environment.</li> <li>4 Dell EMC internal analysis using publicly available competitive pricing from Rubrik and Cohesity, May 2018. Lowest cost-to-protect is based on \$ per logical GB. Actual cost will vary.</li> <li>5 Hardware upgrade kit available 2H FY20 to bridge smaller capacities past 24 TB</li> </ol>
<b>MAXIMUM LOGICAL CAPACITY<sup>1, 2</sup></b>	Up to 4.8 PB	
<b>W/ CLOUD TIER</b>	Up to 14.4 PB	
<b>MAXIMUM USABLE CAPACITY</b>	8 to 96 TB <sup>5</sup>	
<b>W/ CLOUD TIER</b>	Up to 288 TB	
<b>INSTANT ACCESS AND RESTORE</b>	Up to 5,000 IOPS	
<b>BUILT-IN NETWORKING</b>	8x RJ45 or 8x SFP Optical links	



	<b>DP44400</b>
<b>WEIGHT (LBS)</b>	72.8 lbs (33 kg) <sup>6</sup>
<b>POWER</b> Dual Redundant 1100W 100-240V~ Autoranging 50/60 HZ	475 VA (MAX @ 35 DEGREES C)
<b>THERMAL RATING (BTU/HR)</b>	1620 BTU/hr
<b>DIMENSIONS</b>	17.09 x 28.17 x 3.42 (inches WDH) 434 x 715.5 x 86.8 (mm WDH)
<b>OPERATING TEMPERATURE/ ALTITUDE</b>	50°F to 95°F (10°C to 35°C)
<b>OPERATING HUMIDITY</b>	10% to 80% relative humidity with 29°C (84.2°F) maximum dew point.
<b>NON-OPERATING (TRANSPORTATION) TEMPERATURE</b>	-40°F to 149°F (-40°C to 65°C)

<sup>6</sup> Weight is of a fully populated DP44400

**Table 3. IDPA DP4400 Regulatory approvals<sup>7</sup>**

	<b>DP4400</b>
<b>SAFETY</b>	UL 60950-1, CSA 60950-1, EN 60950-1, IEC 60950-1, GS, SABS, GOST, IRAM
<b>EMISSIONS</b>	FCC Class A, EN 55022, CISPR 22, VCCI, BSMI, MIC, ICES-003
<b>IMMUNITY</b>	EN 55024, CISPR 24
<b>POWER LINE HARMONICS</b>	EN 61000-3-2

<sup>7</sup> Derate 1.1°C/1,000 ft. above 7,500 ft. to 10,000 ft.



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