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[3] 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[4] and is guaranteed.

Specifications

Table 1. IDPA DP4400 Performance and Capacity

	DP4400
MAXIMUM THROUGHPUT[1]	Up to 9.0 TB/hr
MAXIMUM LOGICAL CAPACITY[1, 2]	Up to 4.8 PB
W/ CLOUD TIER	Up to 14.4 PB
MAXIMUM USABLE CAPACITY	8 to 96 TB[5]
W/ CLOUD TIER	Up to 288 TB
INSTANT ACCESS AND RESTORE	Up to 5,000 IOPS
BUILT-IN NETWORKING	8x RJ45 or 8x SFP Optical links

1 Top-end values are maximums – actual capacity & throughput depends on application workload, deduplication, and other settings.
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).
3 ESG Lab Review commissioned by Dell EMC, February 2018, versus a competitive Vendor A. Additional information on the testing environment.
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.
5 Hardware upgrade kit available 2H FY20 to bridge smaller capacities past 24 TB

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

6 Weight is of a fully populated DP4400

Table 3. IDPA DP4400 Regulatory approvals[7]

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

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

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