



DELL EMC INTEGRATED DATA PROTECTION APPLIANCE (IDPA) DP4400

Perfect balance of power and simplicity at a low 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, mid-size organizations and remote-office branch-office (ROBO) deployments. It offers converged data protection to deliver backup, replication, recovery, deduplication, instant access and restore, search & analytics, cloud readiness with long-term retention and disaster recovery and tight VMware integration – all in a single, customer-installable 2U appliance. 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 ecosystem¹, unmatched performance, and native cloud readiness. The IDPA DP4400 delivers **simply powerful data protection** at a low cost-to-protect² and is guaranteed.

Specifications

Table 1. IDPA DP4400 Performance and Capacity

	DP4400	
MAXIMUM THROUGHPUT³	Up to 9.0 TB/hr	
MAXIMUM LOGICAL CAPACITY^{3,4}	Up to 4.8 PB	
W/ CLOUD TIER	Up to 14.4 PB	³ Top-end values are maximums – actual capacity & throughput depends on application workload, deduplication, and other settings.
MAXIMUM USABLE CAPACITY	8 to 96 TB	⁴ 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).
W/ CLOUD TIER	Up to 288 TB	
INSTANT ACCESS AND RESTORE	Up to 5,000 IOPS	
BUILT-IN NETWORKING	8x10GbE	

Specifications

Table 1. (cont.) IDPA DP4400 Performance and Capacity

	DP4400
WEIGHT (LBS)	72.8 lbs (33 kg)
POWER (DUAL-REDUNDANT 1100W 100-240V ≈ AUTORANGING 50/60 HZ)	475 VA (MAX @ 35°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 90°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)



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1. Based on internal analysis, June 2018
2. Dell EMC internal analysis using publicly available competitive pricing from competitors, May 2018. Based on \$ per logical GB. Actual cost will vary.
3. Top-end values are maximums – actual capacity & throughput depends on application workload, deduplication, and other settings.
4. 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).
5. Dell EMC Information Technology Equipment is compliant with all currently applicable regulatory requirements for Electromagnetic Compatibility, Product Safety, and Environmental Regulations where placed on market. Regulatory information and verification of compliance is available at Dell Regulatory Compliance site. http://dell.com/regulatory_compliance