

Technical Specifications

PowerOne System Specification Summary

Component	Details
COMPUTE	Chassis: MX7000 Compute sleds: PowerEdge MX740c (two-socket) and MX840c (four-socket)
MAXIMUM NUMBER OF SERVERS PER SYSTEM	MX7000 chassis: 10 Compute Domain: 80 Compute Pod: 240
NETWORKING	LAN: Leaf: <ul style="list-style-type: none">Dell EMC Networking S5232F-ON (leaf switches) Dell EMC MX7000 Networking IO Modules (IOM): <ul style="list-style-type: none">Dell EMC PowerEdge MX9116 Fabric Switching Engine (FSE)Dell EMC PowerEdge MX7116 Fabric Expanding Module (FEM) SAN: Connectrix MDS 9148T and 9396T
STORAGE (Note: mixing multiple storage types in one system is supported)	Dell EMC Storage PowerMax Family (2000E, 2000P, 8000E, 8000P)
VIRTUALIZATION	VMware: vSphere, NSX (for management cluster), ESXi, vCenter Server Note: Bare metal deployments are also supported
DATA PROTECTION	For PowerOne Controller: Dell EMC NetWorker, with optional Data Domain For Workload Clusters: Dell EMC Data Domain, Dell EMC Avamar, and Dell EMC NetWorker
SYSTEM MANAGEMENT	PowerOne Controller: Provides intelligent automation and orchestration of PowerOne System components. Exposed through the PowerOne API and its front end: the PowerOne Navigator Web UI. Compute: Two OOB management S4148T-ON switches. Designed for future scale out to encompass additional S4148T-ON OOB switches and S5232F-ON aggregation switches. Software: core management software includes VMware vSphere and vCenter, Dell EMC PowerOne API, Dell EMC PowerOne Navigator UI, and component level element managers
CABINET	Intelligent Physical Infrastructure Cabinet from Dell EMC

