Quick Check of
Dell ME4 Storages

	ME4012	ME4024	ME4084
Processor	Intel® 2-core, 2.2GHz	Intel® 2-core, 2.2GHz	Intel® 2-core, 2.2GHz
Operating System	Microsoft® Windows® 2019, 2016 and 2012 R2, RHEL 8.0, 7.4, 6.9, SLES 12.3, VMware® 6.7 U2, 6.5, 6.0, Microsoft Hyper-V®, Citrix XenServer 7.1.0, 7.6.0	Microsoft® Windows® 2019, 2016 and 2012 R2, RHEL 8.0, 7.4, 6.9, SLES 12.3, VMware® 6.7 U2, 6.5, 6.0, Microsoft Hyper-V®, Citrix XenServer 7.1.0, 7.6.0	Microsoft® Windows® 2019, 2016 and 2012 R2, RHEL 8.0, 7.4, 6.9, SLES 12.3, VMware® 6.7 U2, 6.5, 6.0, Microsoft Hyper-V®, Citrix XenServer 7.1.0, 7.6.0
Drive Bays	2/264	2/276	28/336
Connectivity	16Gb Fibre Channel 10Gb iSCSI 12Gb SAS Multiprotocol: 16Gb Fibre Channel SFP+ / 10Gb iSCSI SFP+	16Gb Fibre Channel 10Gb iSCSI 12Gb SAS Multiprotocol: 16Gb Fibre Channel SFP+ / 10Gb iSCSI SFP+	16Gb Fibre Channel 10Gb iSCSI 12Gb SAS Multiprotocol: 16Gb Fibre Channel SFP+ / 10Gb iSCSI SFP+

	ME4012	ME4024	ME4084
Software	PowerVault ME4 Series provides simplified, all-inclusive software licensing, including: - ADAPT (Distributed RAID): (like Dynamic Disk Pooling) reduces drive rebuild times - Thin Provisioning: Allocate and consume physical storage capacity as needed in disk pools. Thin is virtual mode only. - SSD Read Cache: Increase execution speed of applications by caching previously read data - IP & FC Remote Replication: Safely replicate data to any global location that includes mirroring thin provisioned pools - Snapshots: Easily recover files after accidental deletion or alteration with Redirect on Write snaps - 3 Level Tiering: Get great performance with less hardware expense - Volume Copy/Clones: Enable seamless volume relocation and disk-based backup and recovery with a full, replicated copy of source data - Encryption (SEDs): Render data useless to unauthorized users with drive-level encryption, even if the drive has been removed from the enclosure (internal key management included) - Virtualization Integrations: VMware vSphere, vCenter SRM, Microsoft Hyper-V - SupportAssist: Provides enhancements enabling automated maintenance capabilities	PowerVault ME4 Series provides simplified, all-inclusive software licensing, including: - ADAPT (Distributed RAID): (like Dynamic Disk Pooling) reduces drive rebuild times - Thin Provisioning: Allocate and consume physical storage capacity as needed in disk pools. Thin is virtual mode only. - SSD Read Cache: Increase execution speed of applications by caching previously read data - IP & FC Remote Replication: Safely replicate data to any global location that includes mirroring thin provisioned pools - Snapshots: Easily recover files after accidental deletion or alteration with Redirect on Write snaps - 3 Level Tiering: Get great performance with less hardware expense - Volume Copy/Clones: Enable seamless volume relocation and disk-based backup and recovery with a full, replicated copy of source data - Encryption (SEDs): Render data useless to unauthorized users with drive-level encryption, even if the drive has been removed from the enclosure (internal key management included) - Virtualization Integrations: VMware vSphere, vCenter SRM, Microsoft Hyper-V - SupportAssist: Provides enhancements enabling automated maintenance capabilities	PowerVault ME4 Series provides simplified, all-inclusive software licensing, including: - ADAPT (Distributed RAID): (like Dynamic Disk Pooling) reduces drive rebuild times - Thin Provisioning: Allocate and consume physical storage capacity as needed in disk pools. Thin is virtual mode only. - SSD Read Cache: Increase execution speed of applications by caching previously read data - IP & FC Remote Replication: Safely replicate data to any global location that includes mirroring thin provisioned pools - Snapshots: Easily recover files after accidental deletion or alteration with Redirect on Write snaps - 3 Level Tiering: Get great performance with less hardware expense - Volume Copy/Clones: Enable seamless volume relocation and disk-based backup and recovery with a full, replicated copy of source data - Encryption (SEDs): Render data useless to unauthorized users with drive-level encryption, even if the drive has been removed from the enclosure (internal key management included) - Virtualization Integrations: VMware vSphere, vCenter SRM, Microsoft Hyper-V - SupportAssist: Provides enhancements enabling automated maintenance capabilities

	ME4012	ME4024	ME4084
Expansion Capacity	2U 12 x 3.5" drive bays (12Gb SAS)	2U 24 x 2.5" drive bays (12Gb SAS)	5U 84 x 3.5" drive bays (12Gb SAS)
Management	PowerVault Manager HTML5 GUI, OME 3.2, CLI	PowerVault Manager HTML5 GUI, OME 3.2, CLI	PowerVault Manager HTML5 GUI, OME 3.2, CLI
Network and Expansion I/O	2U 12 x 3.5" drive bays (2.5" drive carriers supported)	2U 24 x 2.5" drive bays	5U 84 x 3.5" drive bays (2.5" drive carriers supported)
Power	Storage Enclosures: ME4012: 580W, 1980 BTU, 100-240 VAC, 7.6-3.0A (x2), 50/60 Hz Expansion Enclosures: ME412: 580W, 1980 BTU, 100-240 VAC, 7.6-3.0A (x2), 50/60 Hz	Storage Enclosures: ME4024: 580W, 1980 BTU, 100-240 VAC, 7.6-3.0A (x2), 50/60 Hz Expansion Enclosures: ME424: 580W, 1980 BTU, 100-240 VAC, 7.6-3.0A (x2), 50/60 Hz	Storage Enclosures: ME4024: 580W, 1980 BTU, 100-240 VAC, 7.6-3.0A (x2), 50/60 Hz Expansion Enclosures: ME424: 580W, 1980 BTU, 100-240 VAC, 7.6-3.0A (x2), 50/60 Hz

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