



# DATASHEET

## ETS3212

2RU 12Bays 3.5" mid-range high performance storage system for vertical market and mission-critical demanding application

### ORDERING INFORMATION

MANUFACTURER PART NUMBER	CONTROLLER HARDWARE SPECIFICATION					
	# ctrl	ram ddr4 par ctrl	# port 10G iSCSI base-T	# port 10G iSCSI SFP+	# port 16G SFP Fiber Channel	# port SAS 12G for expansion
ETS3212S200ESS	1	8GB	2	0	0	2
ETS3212D200ESS	2	8GB	2	0	0	2
ETS3212D200	2	16GB	2	0	0	2
ETS3212D240	2	16GB	2	4	0	2
ETS3212D204	2	16GB	2	0	4	2
ETS3212D244TCB	2	16GB	2	4	4	2
ETS3212D280TCB	2	16GB	2	8	0	2
ETS3212D244TCM	2	32GB	2	4	4	2
ETS3212D280TCM	2	32GB	2	8	0	2
ETS3212JS	1	n/a	0	0	0	2
ETS3212JD	2	n/a	0	0	0	2

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### TECHNICAL SPECIFICATION ETS3212

<b>Form Factor</b>	2RU 12bays LFF 3.5" (2.5" compliance screw wole)
<b>Raid Ctrl</b>	3rd generation Single (S) or Dual (D) active/active RAID Hardware controller
<b>Raid Processor</b>	Intel® Xeon® D-1500 Quad Core processor
<b>Memory (ctrl)</b>	8GB up to 128GB ddr4 (4 slots supporting 8GB up to 32GB ram module)
<b>Host Connectivity (ctrl)</b>	Onboard: 2x 10G iSCSI Base-T port + 1GbE RJ45 management port Host Card Slot1 (optional): 4x 10Gbps iSCSI SFP+ or 4x 16Gbps FC SFP+ Host Card Slot2(optional): 4x 10Gbps iSCSI SFP+ or 4x 16Gbps FC SFP+ Onboard expansion connectivity: 2x 12Gbps SAS wide port (SFF-8644)
<b>Drive Type</b>	3.5" 7.2krpm NL-SAS, NL-SAS SED Hard Drives - 2.5" 7.2krpm NL-SAS, NL-SAS SED Hard Drives 2.5" 10/15krpm SAS - 2.5" SSD SAS
<b>Expansion Capability</b>	Up to 10expansion units using ETS3424Jx enclosure up to 284 drives supported and up to 3.4PB RAW capacity in daisy chain
<b>Memory Protection (optional)</b>	Cache to Flash Module: BBM + FM (to protect all memory capacity) or SCM + FM (to protect up to 16GB memory par controller)
<b>LCM (optional)</b>	USB LCD for in-field easy access management
<b>Power Supply</b>	80 PLUS Platinum, two redundant 770W (1+1) AC Input 100-127V 10A, 50-60Hz and 200-240V 5A, 50-60Hz DC Output +12V 63.4A and +5VSB 2.0A
<b>Fan Module</b>	2x Hot Pluggable/Redundant fan
<b>Physical Dimension</b>	19" Rackmount 170.3 x 438.0 x 515.0 (mm H x W x D)
<b>RAID Level</b>	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60, N-way mirror - Flexible Storage Pool Ownership
<b>Software Features Built-in</b>	Thin Provisioning with Space Reclamation, WT&WB Cache Policy, Global-Local-Dedicated Hot Spares, Online Disk Roaming, Spreading RAID Drives Across Enclosures, Background I/O Priority Settings, Instant RAID Volume Availability, Fast RAID Rebuild, Online Storage Pool Expansion, Online Volume Extension, Online Volume Migration, Auto Volume Rebuilding, Instant Volume Restoration, Online RAID Level Migration, SED Drive Support, Video Editing Mode Optimization, Drives Health Check and S.M.A.R.T. Attributes, Storage Pool Parity Check and Media Scan for Disk Scrubbing, SSD Wear Lifetime Indicator, Disk Drive Firmware Batch Update
<b>Software Features Optional (included in *TC* mp/n)</b>	Auto Tiering: up to 4 tiers user selectable SSD Caching: require min. 16GB RAM par ctrl (support up to 4TB cache with 16GB RAM, 8TB cache w/32GB RAM, 16TB cache w/64GB RAM, 32TB cache w/128GB Ram)
<b>Warranty</b>	3yrs limited warranty (1yr for BBM, SCM, FM) 4th and 5th year extension (optional) Service Level Agreement upgrades (optional)