



DATASHEET

ETS3424

4RU 24Bays 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
ETS3424S200ESS	1	8GB	2	0	0	2
ETS3424D200ESS	2	8GB	2	0	0	2
ETS3424D200	2	16GB	2	0	0	2
ETS3424D240	2	16GB	2	4	0	2
ETS3424D204	2	16GB	2	0	4	2
ETS3424D244TCB	2	16GB	2	4	4	2
ETS3424D280TCB	2	16GB	2	8	0	2
ETS3424D244TCM	2	32GB	2	4	4	2
ETS3424D280TCM	2	32GB	2	8	0	2
ETS3424JS	1	n/a	0	0	0	2
ETS3424JD	2	n/a	0	0	0	2

ETS3424

DATASHEET

TECHNICAL SPECIFICATION ETS3424

Form Factor	4RU 24bays LFF 3.5" (2.5" compliance screw wole)
Raid Ctrl	3rd generation Single (S) or Dual (D) active/active RAID Hardware controller
Raid Processor	Intel® Xeon® D-1500 Quad Core processor
Memory (ctrl)	8GB up to 128GB ddr4 (4 slots supporting 8GB up to 32GB ram module)
Host Connectivity (ctrl)	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)
Drive Type	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
Expansion Capability	Up to 10expansion units using ETS3424Jx enclosure up to 284 drives supported and up to 3.4PB RAW capacity in daisy chain
Memory Protection (optional)	Cache to Flash Module: BBM + FM (to protect all memory capacity) or SCM + FM (to protect up to 16GB memory par controller)
LCM (optional)	USB LCD for in-field easy access management
Power Supply	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
Fan Module	2x Hot Pluggable/Redundant fan
Physical Dimension	19" Rackmount 170.3 x 438.0 x 515.0 (mm H x W x D)
RAID Level	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60, N-way mirror - Flexible Storage Pool Ownership
Software Features Built-in	Thin Provisioning with Space Reclamation, WT&WB Cache Policy, Global-Local-Dedicated Hot Spares, Online Disk Roaming, Spreading RAID Drives Accross 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
Software Features Optional (included in *TC* mp/n)	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)
Warranty	3yrs limited warranty (1yr for BBM, SCM, FM) 4th and 5th year extension (optional) Service Level Agreement upgrades (optional)