

### Scoreboard Parts QUANTUM

RFI Line Items									
ECPU:ESTIMATED COST P/UNIT	PMP:POTENTIAL MINIMUM PURCHASE	PAP:POTENTIAL ANNUAL PURCHASE	PF:PURCHASE FREQUENCY	ETD:ESTIMATED DELIVERY TIME					
Product name	MFR	MFR product #	ECPU	Min qty	PMP	PAP	PF	ETD	Details
Quantum Xcellis Workflow Director for StorNext 7, Dual Node,	Quantum	BXCBL-BWD2-001A		1			1	7	Includes two Xcellis Workflow Director 1U Gen2 nodes. Does not include licensing and requires StorNext 7 File System Capacity Licensing. Requires at least one QXS 12G RAID Array for use as metadata storage. When used with an iSCSI disk array: requires at least one Ethernet NIC per node for connection to the disk array. Choose from model BXCBBH-ANGQ-210A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender NIC Kit, 25GbE/10GbE, Dual-Port, Low Profile, No SFP (requires quantity two for dual node systems); or model BXCBBH-ANGQ-240A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender NIC Kit, 100GbE/40GbE, Dual-Port, Low-Profile, No SFP (requires quantity two for dual node systems). When used with a Fibre Channel disk array requires at least one Fibre Channel HBA per node for connection to the disk array. Choose from model BXCBBH-FFGA-416A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender Fibre Channel Kit, 16Gb, Quad-Port, Low-Profile, Optical, Four Cables, Single HBA (requires quantity two for dual node systems); or model BXCBBH-FFGA-232A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender Fibre Channel Kit, 32Gb, Dual-Port, Low-Profile, Optical, Two Cables, Single HBA (requires quantity two for dual node systems). Includes four onboard 1GbE ports for service, management, and metadata networks. Each node includes dual CPUs, 64GB RAM, redundant power and cooling, rack mount rails and hardware, four 25ft (7.6m) Ethernet cables with RJ45 connectors, and two NEMA C13 to C14 cables. Requires 1U rack space. Onsite professional installation is required, either via Xcellis Workflow Director Onsite Installation (SXCBB-NSYC-000x or SXCBB-NSYD-000x) or via a trained Quantum QSP partner.
Quantum Xcellis Workflow Director for StorNext 7/Gen2	Quantum	BXCBBH-AQSF-100A		4			1	7	Quantum Xcellis Workflow Director for StorNext 7/Gen2 and Xcellis Workflow Extender for StorNext 7/Gen2, QSFP28, 100GbE SR, Optical, quantity two. Not compatible with Gen1 systems. Includes two QSFP28. For use with Quantum Xcellis Workflow Director or Xcellis Workflow Extender NIC Kit, 100GbE/40GbE, Dual-Port, Low-Profile, No QSFP (BXCBBH-ANGQ-240A). Maximum one BXCBBH-AQSF-100A per NIC kit.
Quantum Xcellis Workflow Director for StorNext 7/Gen2 and Xc	Quantum	BXCBBH-ACBM-240C		4			1	7	Quantum Xcellis Workflow Director for StorNext 7/Gen2 and Xcellis Workflow Extender for StorNext 7/Gen2 MPO/MPT Cable for 100GbE/40GbE, Optical, 5M, quantity two. Not compatible with Gen1 systems. Includes two MT cable assemblies - OM3 multimode 50/125um, 12 fiber round loose tube plenum jacket, MT female elite/flat to MT female elite/flat, Type B: fiber 1 to fiber 12 pinout. For use with QSFPs compatible with model BXCBBH-ANGQ-240A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender NIC Kit, 100GbE/40GbE, Dual-Port, Low-Profile, No QSFP. Includes two cables. Use one cable per QSFP.
Quantum Xcellis Workflow Director for StorNext 7/Gen2	Quantum	BXCBBH-ANGQ-210A		2			1	7	Quantum Xcellis Workflow Director for StorNext 7/Gen2 and Xcellis Workflow Extender for StorNext 7/Gen2 NIC Kit, 25GbE/10GbE, Dual-Port, Low-Profile, No SFP (requires quantity two for dual node system. Not compatible with Gen1 systems. This kit is used for connection to iSCSI disk arrays, StorNext LAN clients, StorNext NAS clients, Lattus, FlexTier, and FlexSync initiators or targets. For iSCSI base systems, must order at least one BXCBBH-ANGQ-210A or BXCBBH-ANGQ-240A per node. Order in multiples of two for dual node systems. Each node supports up to three adapters (any mix of FC HBAs and Ethernet NICs). However, for FC HBAs, no more than two FC HBAs of one kind (BXCBBH-FFGA-232A or BXCBBH-FFGA416A) and for Ethernet NICs, no more than two BXCBBH-ANGQ-240A, no more than two BXCBBH-ANGP-410A or no more than three BXCBBH-ANGQ-210A. Does not include SFP or cables.
Quantum Xcellis Workflow Director for StorNext 7/Gen2	Quantum	BXCBBH-ACBL-210A		2			1	7	Quantum Xcellis Workflow Director for StorNext 7/Gen2 and Xcellis Workflow Extender for StorNext 7/Gen2 SFP and LC Cable Kit for 10GbE, Two SFPs, Optical, 6M (add one SFP kit per NIC kit). Not compatible with Gen1 systems. For use with NIC Kit, 25GbE/10GbE, Dual-Port, Low-Profile, No SFP (BXCBBH-ANGQ-210A). Includes two SFPs and cables. Use one cable kit per NIC kit. May not be used with Cable Kit for 25GbE/10GbE, Two Cables, Direct Attach (BXCBBH-ACBB-210x).
Quantum QXS-424 12G RAID Node, Ethernet SFPs, 9.6TB (12x0.8T	Quantum	GTB4F-CSCB-E00C		1			1	7	Includes 12 0.8TB 3DWPD 2.5" SAS non-SED drives, dual RAID modules with 16GB total system memory in a 2U chassis for a total capacity of 9.6TB raw. Each RAID module has two 10Gb Ethernet ports with SFPs. High availability features include redundant hot-swappable RAID modules, redundant hot-swappable power supplies, and mirrored data cache with super capacitor-based cache backup. May be expanded by adding up to nine x12 and/or x24 expansions OR up to three x84 expansions (may not mix x12/x24 and x84) for a maximum of 216 drives (using nine x24 expansions) or 252 drives (using three x84 expansions). Includes 19-inch rack mount kit. Rack must be customer supplied or purchased separately. May be customer installed or professionally installed onsite via Quantum Professional Services.

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Quantum Xcellis Workflow Extender for StorNext 7	Quantum	BXEBL-BWEX-001A		2			1	7	Quantum Xcellis Workflow Extender for StorNext 7, Requires StorNext 7 Licensing. Includes one Xcellis Workflow Extender 1U Gen2 node. Does not include licensing and requires StorNext 7 Scale-Out Data Services Node Licensing. When used with an iSCSI disk array: requires at least one Ethernet NIC per node for connection to the disk array. Choose from model BXCBBH-ANGQ-210A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender NIC Kit, 25GbE/10GbE, Dual-Port, Low-Profile, No SFP (requires quantity two for dual node systems); or model BXCBBH-ANGQ-240A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender NIC Kit, 100GbE/40GbE, Dual-Port, Low Profile, No SFP. When used with a Fibre Channel disk array requires at least one Fibre Channel HBA per node for connection to the disk array. Choose from model BXCBBH-FFGA-416A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender Fibre Channel Kit, 16Gb, Quad-Port, Low-Profile, Optical, Four Cables, Single HBA; or model BXCBBH-FFGA-232A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender Fibre Channel Kit, 32Gb, Dual Port, Low-Profile, Optical, Two Cables, Single HBA. Includes four onboard 1GbE ports for service, management, and metadata networks. Each node includes dual CPUs, 64GB RAM, redundant power and cooling, rack mount rails and hardware, four 25ft (7.6m) Ethernet cables with RJ45 connectors, and two NEMA C13 to C14 cables. Requires 1U rack space. Onsite professional installation is required, either via Xcellis Workflow Extender Onsite Installation (SXCBC NSYN-000x) or via a trained Quantum QSP partner.
Quantum Xcellis Workflow Director for StorNext 7/Gen2	Quantum	BXCBBH-AQSF-100A		4			1	7	Quantum Xcellis Workflow Director for StorNext 7/Gen2 and Xcellis Workflow Extender for StorNext 7/Gen2, QSFP28, 100GbE SR, Optical, quantity two. Not compatible with Gen1 systems. Includes two QSFP28. For use with Quantum Xcellis Workflow Director or Xcellis Workflow Extender NIC Kit, 100GbE/40GbE, Dual-Port, Low-Profile, No QSFP (BXCBBH-ANGQ-240A). Maximum one BXCBBH-AQSF-100A per NIC kit.
Quantum Xcellis Workflow Director for StorNext 7/Gen2	Quantum	BXCBBH-ACBM-240C		4			1	7	Quantum Xcellis Workflow Director for StorNext 7/Gen2 and Xcellis Workflow Extender for StorNext 7/Gen2 MPO/MPT Cable for 100GbE/40GbE, Optical, 5M, quantity two. Not compatible with Gen1 systems. Includes two MT cable assemblies - OM3 multimode 50/125um, 12 fiber round loose tube plenum jacket, MT female elite/flat to MT female elite/flat, Type B: fiber 1 to fiber 12 pinout. For use with QSFPs compatible with model BXCBBH-ANGQ-240A: Quantum Xcellis Workflow Director or Xcellis Workflow Extender NIC Kit, 100GbE/40GbE, Dual-Port, Low-Profile, No QSFP. Includes two cables. Use one cable per QSFP.
Quantum QXS 6G/12G, 2U RAID, Onsite Installation, zone 1	Quantum	SQXXX-NSYK-0001		1			1	7	
Quantum Site Charge, Enterprise, zone 1	Quantum	SAABB-NSSE-0001		1			1	7	
Quantum Xcellis Workflow Director for StorNext 7	Quantum	SXCBL-SWD2-CD11		1			1	7	Quantum Xcellis Workflow Director for StorNext 7, Dual Node; Support Plan, NBD Gold (7x24xNBD CRU); annual, zone 1
Quantum QXS-424 12G RAID Node	Quantum	STB4F-SSC8-CD11		1			1	7	Quantum QXS-424 12G RAID Node (Ethernet/Fibre Channel), 9.6TB (12x0.8TB), SSD (SED/non-SED); Support Plan, NBD Gold (7x24xNBD CRU); annual, zone 1
Quantum Xcellis Workflow Extender for StorNext 7	Quantum	SXEEL-SWEX-CD11		2			1	7	NBD Gold support requires self installation of Customer Replaceable Units (CRUs). NBD Gold requires StorNext 7 licenses with Gold (7x24TS) software support. Support level for Xcellis Workflow Extender for StorNext 7 must be the same as the support level for the attached Quantum storage.
Quantum StorNext 7 Scale-Out Data Services Node License	Quantum	WSNS7-ALSD-HG3A		2			1	7	Subscription license - requires periodic renewal per the sales and license terms. Optional feature to order the total number of StorNext node licenses for each hardware and/or virtual node that provides StorNext file services that can be utilized for a three-year period. StorNext file services are defined as Active MDC, Passive MDC, NAS, Distributed LAN Server, Distributed Data Mover, FlexSync Data Mover, or File System Pools Data Mover. Consult the StorNext Compatibility Guide for the list of supported products and configurations. Can be used with other StorNext software subscription licenses. Gold (7x24TS) Software Support software maintenance is included as part of this license. Systems with Bronze level support require Silver software support, Systems with NBD Gold or Gold level support require Gold software support. All software subscriptions must be at the same level of support.
Quantum StorNext 7 File System Capacity License	Quantum	WSNS7-ALFS-HG3A		1117			1	7	Quantum StorNext 7 File System Capacity License, Three Year Subscription, per TiB, includes Gold (7x24TS) software support. A StorNext 7 File System Capacity license must be ordered for the capacity allocated into file systems managed by StorNext 7. Subscription license - requires periodic renewal per the sales and license terms. Use this to order the total amount of allocated file system capacity in terabyte (TiB) that can be utilized for a three-year period. Includes the first two node licenses, StorNext connections, and features. Does not include capacity licensing for archive and data protection using Storage Manager or FlexTier. For use with StorNext Xcellis appliances or StorNext software only environments running StorNext 7 or greater. Consult the StorNext Compatibility Guide for the list of supported products and configurations. Gold (7x24TS) Software Support software maintenance is included as part of this license. Systems with Bronze level support require Silver software support, Systems with NBD Gold or Gold level support require Gold software support. All software subscriptions must be at the same level of support.

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Quantum QXS-484 12G RAID Node	Quantum	GTB4R-CHRN-F00C	[REDACTED]	1	[REDACTED]	[REDACTED]	1	7	Quantum QXS-484 12G RAID Node, Fibre Channel SFPs, 672TB (84x8TB) Raw, 576TB (523.87TiB) Usable, HDD, non-SED
Quantum Xcellis Workflow Director for StorNext 7/Gen2	Quantum	BXCBH-ACBL-210A	[REDACTED]	2	[REDACTED]	[REDACTED]	1	7	Quantum Xcellis Workflow Director for StorNext 7/Gen2 and Xcellis Workflow Extender for StorNext 7/Gen2 SFP and LC Cable Kit for 10GbE, Two SFPs, Optical, 6M (add one SFP kit per NIC kit)
Quantum Site Charge, Enterprise, zone 1	Quantum	SAABB-NSSE-0001	[REDACTED]	1	[REDACTED]	[REDACTED]	1	7	
Totals					[REDACTED]	[REDACTED]			