

The world is witnessing a massive flow of data across industry verticals. Organizations need ingenious methods of storage with a high throughput by which data can be accessed without any delay. The need of the hour is an out-of-the-box solution that can extract maximum performance from hardware while keeping a tab on the total IT budget.

Opslag US-QUA-424D is one of the best large-scale storage and multi-purpose data center for enterprises. Some of its highlights include a next-generation CPU powered by Intel®Xeon® Quad Core Processor, RAM with 16GB DDR4 ECC DIMM (Max 128GB), and exceptional network capability with a host of connectivity ranging from 1 GbE to 10 GbE, 25GbE, and FC solution. Moreover, the modularized hardware platform design is easy to maintain.



It consolidates all your storage requirements in a single all-in-one storage solution which is the most flexible solution around. Apart from offering a high degree of flexibility, it fulfils other enterprise-grade requirements such as dynamic scalability, integrated approach, impeccable performance, and labor-less handling.

Why to Choose this Storage Model?



Customized Scaling

It provides customized ultra-high/low scalability. With its support, you can make cost-effective decisions in the preliminary stage of expansion.



Proven Expertise

With years of experience in storage business, Tyrone continues to produce dependable storage solution and service for its customers.



Exceptional Performance

The device is equipped with several high-tech tools to efficiently speed up application execution.



Enterprise Grade

The product delivers enterprise-level storage solution for quick retrieval of business information.



Integrated Storage

This type of storage remains on the device itself. The product strikes a perfect balance between performance and cost consideration.



Unified Storage

With its unified storage (file and block) capabilities, you can manage files and applications from a single device. The unified storage architecture with a multi-protocol system combines file and block access in one storage platform compared to traditional arrays which contain only one of them.

Industry Vertical

Tyrone storage solution has been designed keeping in mind the interest of multiple industry verticals. We understand that the requirements of each industry can be unique and hence the solutions need to address the specific problem pertaining to that industry only



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HOSPITALITY

CPU		Memory	
Processor	Intel®Xeon®	System Flash	16GB USB DOM
CPU Architecture	64-Bit	Memory Module Pre-Installed	16GB DDR4 ECC DIMM (per controller)
CPU Frequency	Quad-Core	Total Memory Slots	4 (per controller)
		Memory Expandable up to	128GB (per controller)

Storage

Drive Bays	3.5" Slot x 24			
Maximum Drive Bayswith Expansion	432			
Compatible Drive Type	3.5" SAS HDD	3.5" SAS SED HDD	3.5" NL-SAS HDD	3.5" NL-SAS SED HDD
	2.5" SAS SSD	2.5" SAS SED SSD	2.5" SATA SSD(*)	2.5" SATA SED SSD(*)
	2.5" SAS HDD	2.5" SAS SED HDD	2.5" NL-SAS HDD	2.5" NL-SAS SED HDD
Drive Interface	SAS 12Gb/s			
Maximum Internal Raw Capacity	480TB			
Maximum Raw Capacity with Expansion Units	8,640TB			
Hot Swappable Drive	Yes			
Note	<ul style="list-style-type: none"> For more information, please call the Tyrone Support Team Maximum internal raw capacity= Max HDD capacity x 24 Capacity may vary by RAID types In a dual-controller system, 2.5SATA HDD needs 6G MUX board 			

External Port

USB 2.0 Port	1(Front)
USB 3.0 Port	2(Rear)
Others	UPS Port x1 Controller port x 1

Expansion Port

12Gb/s SAS Wide Port	2 (Onboard)
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Host Card Expansion

Gen3x8 Slot	1
Gen2x4 Slot	1
Notes	Gen2x4 slot provides 20Gb bandwidth

Connectivity Port

1GbE RJ45 LAN Port	1 (Onboard) 4(OPTION)
10GbE RJ45 LAN Port	2 (Onboard) 2 iSCSI (Option)
10GbE SFP+ LAN Port	4 iSCSI (Option)
25GbE SFP28 LAN Port	2 iSCSI (Option)
16Gb SFP+ Fibre Channel	4 FCP (Option) 2 FCP (Option)

Memory Protection

Cache-to-Flash Module	Yes
Notes	Does not need Battery Backup Module

Appearance

Dimension (H x W x D) (mm)	170.3 x 438 x 515	Net Weight (kg)	28.1
Chassis Form Factor	19" Rackmount 4U 24 Bay	Gross Weight (kg)	32.3

Environment Temperature

Operating Temperature	0 to 40°C
Operating Temperature	-10°C to 50°C
Operating Relative Humidity	20% to 80% non-condensing
Non-operating Relative Humidity	10% to 90%

Others

System Fan	4 Pieces	AC Input Power Voltage	100V-240V
Replaceable System Fan	Yes	Power Frequency	50-60 Hz, Single Phase
Power Recovery	Yes	Power Consumption	648W
Wake on LAN/WAN	Yes	British Thermal Unit	2,211BTU
Power Supply Unit/Adapter	770W/850W x 2 (80 PLUS Platinum)	LCM Support	Yes
Redundant Power Supply	Yes		

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