## Opslag US-QUA-424D



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.



#### **Exceptional Performance**

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



#### Integrated Storage

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



#### **Proven Expertise**

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

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#### **Enterprise Grade**

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

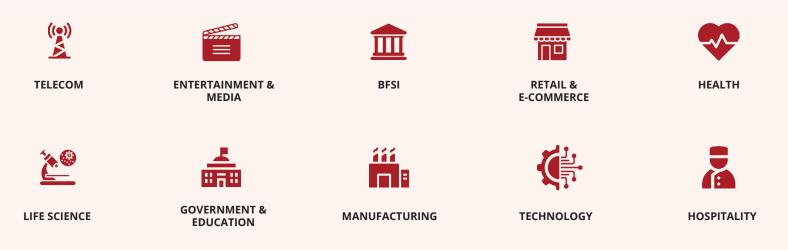


#### **Unified Storage**

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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CPU			Memory					
Processor	Intel®Xeon®	S	ystem Flash	1	16GB USB I	DOM		
CPU Architecture	64-Bit	N	lemory Module Pre-Installed		16GB DDR4 ECC DIMM (per controlle			
CPU Frequency	Quad-Core	Т	otal Memory Slots	2	4 (per conti	roller)		
		Mei		ory Expandable up to 12		28GB (per controller)		
Storage								
Drive Bays	3.5" Slot x 24							
Maximum Drive Bayswith Expansion		432	432					
Compatible Drive Type		3.5" SAS HDD 2.5" SAS SSD 2.5" SAS HDD	2.5" SAS SSD 2.5" SAS SED SSD 2.5" S		·SAS HDD FA SSD(*) ·SAS HDD	3.5" NL-SAS SED HDD 2.5" SATA SED SSD(*) 2.5" NL-SAS SED HDD		
Drive Interface	Drive Interface		SAS 12Gb/s					
Maximum Internal Raw	480TB							
Maximum Raw Capacity	8,640TB							
Hot Swappable Drive	Yes	Yes						
Note	<ul> <li>Maximum</li> <li>Capacity r</li> </ul>				information, please call the Tyrone Support Team internal raw capacity= Max HDD capacity x 24 nay vary by RAID types controller system, 2.5SATA HHD needs 6G MUX board			
Exte		C	Connectivity Port					
USB 2.0 Port	1(Front)		1GbE RJ45 LAN Port		1 (On	board) 4(Option)		
USB 3.0 Port	USB 3.0 Port 2(Rear)		10GbE RJ45 LAN Port		2 (Onboard) 2 iSCSI (Option)			
Others	ers UPS Port x1 Controller po		10GbE SFP+ LAN Port		4 iSC	SI (Option)		
Expar		25GbE SFP28 LAN Port		2 iSCSI (Option)				
12Gb/s SAS Wide Port	16Gb SFP+ Fibre Ch	16Gb SFP+ Fibre Channel		4 FCP (Option) 2 FCP (Option)				
	12Gb/s SAS Wide Port 2 (Onboard) Host Card Expansion				Memory Protection			
Gen3x8 Slot	1		Cache-to-Flash Mod	ule	Yes			
Gen2x4 Slot	1		Notes		Does Modu	not need Battery Backup		
Notes	Gen2x4 slot provides 20Gb	bandwidth			Modu			
Appearance								
Dimension (H x W x D) (mm)	170.3 x 438 x 515		Net Weight (k	(g)		28.1		
Chassis Form Factor	19" Rackmount 4U 2	24 Bay	Gross Weight	(kg)		32.3		
Environment Temperature								
Operating Temperature	Operating Temperature			0 to 40°C				
Operating Temperature				-10°C to 50°C				
<b>Operating Relative Humi</b>	Operating Relative Humidity			20% to 80% non-condensing				
Non-operating Relative H		- 10% to 90%						
Others								
System Fan	4 Pieces		AC Input Power	Voltage	1(	00V-240V		
Replaceable System Fan	Yes	Yes		cy	50	0-60 Hz, Single Phase		
Power Recovery	Yes	Yes		Power Consumption		648W		
Wake on LAN/WAN	Yes	Yes		British Thermal Unit		2,211BTU		
Power Supply Unit/Adapt	er 770W/850W x 2 (80	770W/850W x 2 (80 PLUS Platinum)		LCM Support		Yes		
Redundant Power Supply								

Disclaimer: The actual product image might differ from the one shown in the document. The product specifications are also subjected to change without any prior notice to improve functionality, reliability, design or otherwise.

## Tyrone®

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