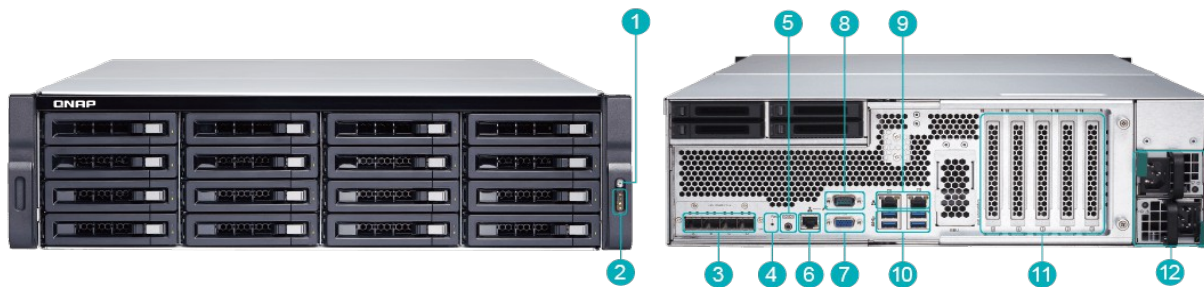


QNAP TDS-16489U 20-BAY

Model Name	TDS-16489U-SA1 (E5-2620 2.4GHz 6-core processor x2, 64GB DDR4 RDIMM)	TDS-16489U-SA2 (E5-2620 2.4GHz 6-core processor x2, 128GB DDR4 RDIMM)	
	TDS-16489U-SB2 (E5-2630 2.4GHz 8-core processor x2, 128GB DDR4 RDIMM)	TDS-16489U-SB3 (E5-2630 2.4GHz 8-core processor x2, 256GB DDR4 RDIMM)	
CPU	Intel® Xeon® E5-2600 v3 Family processor		
	<ol style="list-style-type: none"> 1. Intel® Xeon® 4-core Processor E5-2623 v3 (10M Cache, 3.00 GHz, 4-core)* 2. Intel® Xeon® 6-core Processor E5-2620 v3 (15M Cache, 2.40 GHz) 3. Intel® Xeon® 8-core Processor E5-2630 v3 (20M Cache, 2.40 GHz) 4. Intel® Xeon® 8-core Processor E5-2640 v3 (20M Cache, 2.60 GHz)* 		
	*Available with customization requirement		
	System memory: RDIMM / LRDIMM Total memory slots:16 Naming rule:		
Memory	<p>The diagram shows the model name TDS-16489U-SA1 with three callout boxes:</p> <ul style="list-style-type: none"> HDD/SSD Interface: S: SAS interface CPU: <ul style="list-style-type: none"> A E5-2620 V3 B E5-2630 V3 C E5-2623 V3 D E5-2640 V3 Memory: <ul style="list-style-type: none"> 1 64GB (8GB x 8 = 64GB RDIMM) 2 128GB (16GB x 8 = 128GB RDIMM) 3 256GB (32GB x 8 = 256GB RDIMM) 4 512GB (64GB x 8 = 512GB RDIMM) 5 1TB (64GB x 16 = 1TB RDIMM) 		
USB	4 x USB 3.0 port		
Hard Drive	<ol style="list-style-type: none"> 1. 16 x 3.5-inch SAS (12Gbps/6Gbps), SATA (6Gbps/3Gbps) hard drive, or 2.5-inch SAS/SATA SSD 2. 4 x 2.5-inch SAS (12Gbps) SSD, or SAS/SATA (6Gbps/3Gbps) SSD 		
Maximized Raw Capacity	128 TB		
Hard Drive Interface	SAS 12Gb/s, backward compatible with SAS/SATA 6Gbps		
10/100/1000 Mbps LAN Port	2		

10Gbps LAN Port	4 x SFP+
PCIe Slot	4 (3 x PCIe Gen3 x8, 1 x PCIE Gen3 x16)
Form Factor	3U, rackmount
Dimension	130.8 (H) x 444 (W) x 744 (D) mm
Weight	Net weight (NAS only): 22.42 kg/ 49.43 lb Gross weight (with packing and accessories): 30.19 kg/ 66.56 lb
Sound Level*	Sound pressure (LpAm) :37.8 dB(A)
Power Consumption	Sleep mode: 254.21 W In Operation: 362.86 W
Power Supply	650W (Redundant power)
Fan	4 x 6cm smart cooling fan (12V DC)



- | | |
|--|--|
| 1 Power Button | 7. IPMI VGA |
| 2 LED Indicator: | 8. IPMI Console |
| 10 GbE, Status, LAN, Storage Expansion | 9. Gigabit LAN Port x 2 |
| Port Status | 10 USB Port x 4 |
| 3 10 GbE SFP+ Port x 4 | 11 PCIe Slot x 4 |
| 4 Password & Network Settings Reset Button | (Left slot: 3 x PCIe Gen3 x8; Left slot: 1 x |
| 5 Console (Reserved) | PCIe Gen3 x16) |
| 6 IPMI LAN Port | 12 Power Connector |