QNAP TS-1635AX NAS Desktop Marvell 8 GB DDR4 12 TB HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-1635AX-8G-12TB-GLD

Product name : TS-1635AX

Marvell ARMADA 8040 ARMv8 Cortex-A72 quad-core 1.6 GHz, 8 GB DDR4, 2x RJ45, 4x USB 3.1, QTS 4.3.4, 12TB (WD Gold)
QNAP TS-1635AX. Type: NAS. Chassis type: Desktop. Device class: Small & Medium Business. Processor family: Marvell, Processor frequency: 1.6 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 12 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System

Storage	
Storage drive capacity *	750 GB
Storage drive interface *	Serial ATA, Serial ATA II, Serial ATA III
Supported storage drive interfaces	Serial ATA, Serial ATA II, Serial ATA III
Storage drive size	2.5/3.5"
Storage drive sizes supported	2.5,3.5"
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, 60, JBOD
Hot-swap drive bays	✓
Supported file systems	FAT32, HFS+, exFAT, ext3, ext4
Storage drives installed *	✓
Total installed storage capacity *	12 TB
Number of storage drives installed *	16
Number of storage drives supported *	16
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD

Processor	
Processor family *	Marvell
Processor frequency *	1.6 GHz
Processor cores	4
Processor architecture	ARM Cortex-A7

Memory	
Internal memory *	8 GB
Internal memory type	DDR4
Maximum RAM supported	16 GB

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000,10000 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
DHCP client	✓
DHCP server	✓
iSCSI support	✓
Wake-on-LAN ready	✓

Design	
Product colour	Black
Number of fans	4 fan(s)
Fan diameter	9.2 cm
Fan diameter 2	6 cm
LED indicators	✓
Built-in display	✓
Display type	LCD
Cable lock slot	✓
Cable lock slot type	Kensington
Built-in speaker(s)	✓
Number of built-in speakers	1

Performance	
Type *	NAS
Device class *	Small & Medium Business
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Buzzer	✓
Noise level	23 dB
Snapshot	✓
Web-based management	✓
Security algorithms	256-bit AES
Reset button	✓
On/off switch	✓
Browser supported	Apple Safari 7, Google Chrome, Microsoft Internet Explorer 10, Mozilla Firefox
Network Time Protocol (NTP) client	✓
Hot spare	✓

Software	
Operating system installed *	QNAP Turbo System
Operating system version	4.3.4

Power	
Power supply unit (PSU) capacity	250 W
Number of power supply units	1
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Network	
Dynamic DNS (DDNS)	✓

Ports & interfaces	
USB port *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
Fiber ports quantity	2
Fiber optic connector	SFP+
Ethernet LAN (RJ-45) ports *	2
3.5 mm (1/8-inch) out	✓

Design	
Chassis type *	Desktop
Cooling type *	Active

Power	
Fan voltage	12 V

Weight & dimensions	
Width *	369.9 mm
Depth *	319.8 mm
Height *	303.8 mm

Packaging content	
Cables included	AC, LAN (RJ-45)
Quick installation guide	✓

Sustainability	
Sustainability certificates	RoHS

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	5 - 95 °C

Other features	
Compliance certificates	RoHS

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