



# QNAP TS-1635AX NAS Desktop Marvell 8 GB DDR4 144 TB HDD QNAP Turbo System Black

**Brand :** QNAP

**Product code:** TS-1635AX-8G-144TB-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, 144TB (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: 144 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System



Storage		Design	
Storage drive capacity *	9 TB	Cooling type *	Active
Storage drive interface *	Serial ATA, Serial ATA II, Serial ATA III	Product colour	Black
Supported storage drive interfaces	Serial ATA, Serial ATA II, Serial ATA III	Number of fans	4 fan(s)
Storage drive size	2.5/3.5"	Fan diameter	9.2 cm
Storage drive sizes supported	2.5,3.5"	Fan diameter 2	6 cm
RAID support *	✓	LED indicators	✓
RAID levels	0, 1, 5, 6, 10, 60, JBOD	Built-in display	✓
Hot-swap drive bays	✓	Display type	LCD
Supported file systems	FAT32, HFS+, exFAT, ext3, ext4	Cable lock slot	✓
Storage drives installed *	✓	Cable lock slot type	Kensington
Total installed storage capacity *	144 TB	Built-in speaker(s)	✓
Number of storage drives installed *	16	Number of built-in speakers	1
Number of storage drives supported *	16	<b>Performance</b>	
Installed storage drive type *	HDD	Type *	NAS
Supported storage drive types *	HDD & SSD	Device class *	Small & Medium Business
<b>Processor</b>		Backup function *	✓
Processor family *	Marvell	Backup features	Cloud, iSCSI LUN
Processor frequency *	1.6 GHz	Buzzer	✓
Processor cores	4	Noise level	23 dB
Processor architecture	ARM Cortex-A7	Snapshot	✓
<b>Memory</b>		Web-based management	✓
Internal memory *	8 GB	Security algorithms	256-bit AES
Internal memory type	DDR4	Reset button	✓
Maximum RAM supported	16 GB	On/off switch	✓
<b>Network</b>		Built-in FTP server	✓
Ethernet LAN *	✓	Browser supported	Apple Safari 7, Google Chrome, Microsoft Internet Explorer 10, Mozilla Firefox
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	Hot spare	✓
Ethernet LAN data rate supported (max)	10000 Mbit/s	<b>Software</b>	
DHCP client	✓	Operating system installed *	QNAP Turbo System
DHCP server	✓	Operating system version	4.3.4
iSCSI support	✓	<b>Power</b>	
Wake-on-LAN ready	✓	Power supply unit (PSU) capacity	250 W
		Number of power supply units	1
		AC input voltage	100 - 240 V

<b>Network</b>		<b>Power</b>	
Dynamic DNS (DDNS)	✓	AC input frequency	50 - 60 Hz
<b>Ports &amp; interfaces</b>		Fan voltage	12 V
USB port *	✓	<b>Weight &amp; dimensions</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Width *	369.9 mm
Fiber ports quantity	2	Depth *	319.8 mm
Fiber optic connector	SFP+	Height *	303.8 mm
Ethernet LAN (RJ-45) ports *	2	<b>Packaging content</b>	
3.5 mm (1/8-inch) out	✓	Cables included	AC, LAN (RJ-45)
<b>Design</b>		Quick installation guide	✓
Chassis type *	Desktop	<b>Sustainability</b>	
		Sustainability certificates	RoHS
		<b>Operational conditions</b>	
		Operating temperature (T-T)	0 - 40 °C
		Storage temperature (T-T)	5 - 95 °C
		<b>Other features</b>	
		Compliance certificates	RoHS

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