

QNAP TS-870 24TB NAS Tower 2 GB DDR3 HDD Linux Black

Brand : QNAP

Product code: TS-870/24TB-RE

Product name : TS-870 24TB

TS-870 8-bay NAS 24TB (8 x 3TB WD RE), Intel 2.6GHz Dual-core, 2GB DDR3, 8 x Hot-swappable tray 3.5"/2.5" SATA 6Gb/s, Tower

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QNAP TS-870, featuring the easy-to-use QTS operating system, is a secure, scalable, and reliable NAS solution designed for mission-critical business applications and fast growing data storage needs. The TS-870 delivers high performance with persistent throughput, providing a comprehensive storage solution that includes the following features:

- Up to 447MB/s read and 426MB/s write speed with optional 10GbE support.
- Scale up to 40 hard drives with 240TB raw capacity with REXP-1600U-RP RAID expansion enclosures.
- Complete backup, disaster recovery and data security management.
- Supports VMware®, Citrix®, and Microsoft® Hyper-V® and advanced virtualization features.



Storage		Design	
Storage drive capacity *	3 TB	Chassis type *	Tower
Storage drive interface *	Serial ATA II, Serial ATA III	Cooling type *	Active
Storage drive size	2.5/3.5"	Product colour	Black
Hard drive rotational speed	7200 RPM	Number of fans	2 fan(s)
RAID support *	✓	Fan diameter	12 cm
RAID levels	0, 1, 5, 6, 10, JBOD	Drive bay locking	✓
Hot-swap drive bays	✓	LED indicators	HDD, LAN, Status, USB
Supported file systems	ext3, ext4, FAT32, HFS+, NTFS	Built-in display	✓
Storage drives installed *	✓	Display type	LCD
Total installed storage capacity *	24 TB	Cable lock slot	✓
Number of storage drives installed *	8	Cable lock slot type	Kensington
Number of storage drives supported *	8	Performance	
Installed storage drive type *	HDD	Type *	NAS
Supported storage drive types *	HDD & SSD	Device class *	Small & Medium Business
Processor		Backup function *	✓
Processor frequency *	2.6 GHz	Backup features	Cloud, iSCSI LUN
Processor number of cores	2	Buzzer	✓
Number of processors installed	1	Multilingual support	✓
Memory		Web-based management	✓
Internal memory *	2 GB	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMP, SSH, SSL/TLS
Internal memory type	DDR3	Access Control List (ACL)	✓
Maximum RAM supported	16 GB	Reset button	✓
Flash memory	512 MB	On/off switch	✓
Network		Software	
Ethernet LAN connection *	✓	Operating system installed *	Linux
Ethernet LAN data rates	1000 Mbit/s	Energy Management	
Wi-Fi	✗	Power supply location	Built-in
DHCP client	✓	Power supply unit (PSU) capacity	350 W
DHCP server	✓	Number of power supply units	1
Jumbo Frames support	✓	Power consumption	59.9 W
iSCSI support	✓	Power consumption (sleep mode)	29.1 W
Wake-on-LAN ready	✓	Power consumption (off)	1 W
		AC input voltage	100-240 V

Network		Energy Management	
Supported network protocols		AC input frequency 50 - 60 Hz	
Ports & interfaces		Weight & Dimensions	
		Width * 298.2 mm	
		Depth * 235.4 mm	
		Height * 185.2 mm	
		Packaging Content	
USB 2.0 ports quantity 3		Cables included AC, LAN (RJ-45)	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity 2		Quick installation guide ✓	
eSATA ports quantity 2		Operational Conditions	
HDMI ports quantity 1		Operating temperature range (T-T) 0 - 40 °C	
Ethernet LAN (RJ-45) ports quantity * 4		Storage relative humidity range 5 - 95%	

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