



# QNAP TS-851 NAS/storage server Tower Ethernet LAN Black



Brand : QNAP

Product code: TS-851

Product name : TS-851



8 x 2.5"/3.5" SSD/HDD SATA 6Gb/s, Intel Celeron 2.41GHz, 1GB DDR3L RAM, 512MB DOM Flash, 2 x Gigabit RJ-45, 3 x USB 3.0, 2 x USB 2.0, 1 x HDMI, QTS 4.1 (embedded Linux)  
 QNAP TS-851. Supported storage drive types: HDD & SSD, Storage drive interface: Serial ATA III, Storage drive size: 2.5/3.5". Processor family: Intel® Celeron®, Processor frequency: 2.41 GHz. Internal memory: 1 GB, Internal memory type: DDR3L, Maximum RAM supported: 8 GB. Ethernet LAN data rates: 10,100,1000 Mbit/s, Supported network protocols: CIFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, SMSC. Chassis type: Tower, Cooling type: Active, Product colour: Black

Storage		Design	
Storage drive interface *	Serial ATA III	Cable lock slot type	Kensington
Storage drive size	2.5/3.5"	<b>Performance</b>	
RAID support *	✓	Type *	NAS
RAID levels	0, 1, 5, 6, 10, JBOD	Device class *	Home & Home Office
Hot-swap drive bays	✓	Backup function *	✓
Supported file systems	ext3, ext4, FAT32, HFS+, NTFS	Buzzer	✓
Storage drives installed *	✗	Multilingual support	✓
Number of storage drives supported *	8	Built-in optical drive	✗
Supported storage drive types *	HDD & SSD	Card reader integrated	✗
<b>Processor</b>		Management protocols	SNMP, Telnet
Processor family *	Intel® Celeron®	Web-based management	✓
Processor frequency *	2.41 GHz	Security algorithms	FIPS 140-2, HTTPS, SSH, SSL/TLS
Processor cores	2	Access Control List (ACL)	✓
<b>Memory</b>		Reset button	✓
Internal memory type	DDR3L	<b>Software</b>	
Maximum RAM supported	8 GB	Operating system installed *	QNAP Turbo System
Internal memory *	1 GB	Operating system version	4.1
Flash memory	512 MB	Windows operating systems supported	✓
<b>Network</b>		Linux operating systems supported	✓
Ethernet LAN *	✓	Mac operating systems supported	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Power</b>	
DHCP client	✓	Power supply unit (PSU) capacity	350 W
DHCP server	✓	Power consumption (typical)	56.79 W
Jumbo frames support	✓	Power consumption (sleep)	0.72 W
iSCSI support	✓	AC input voltage	100-240 V
Wake-on-LAN ready	✓	AC input frequency	50 - 60 Hz
Supported network protocols	CIFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, SMSC	Fan voltage	12 V
<b>Ports &amp; interfaces</b>		<b>Weight &amp; dimensions</b>	
USB 2.0 ports quantity	2	Width *	298.2 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Depth *	235.4 mm
HDMI ports quantity	1	Height *	185.2 mm
Ethernet LAN (RJ-45) ports *	2	Weight	7.83 kg
<b>Design</b>		Package weight	8.9 kg
Chassis type *	Tower	<b>Operational conditions</b>	
Cooling type *	Active	Operating temperature (T-T)	0 - 40 °C
Product colour	Black	Operating relative humidity (H-H)	5 - 95%
Number of fans	2 fan(s)	<b>Other features</b>	
Fan diameter	12 cm	Digital Living Network Alliance (DLNA) certified	✓
LED indicators	✓		

## Design

Built-in display



Cable lock slot





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