QNAP TS-453 Pro NAS Tower Ethernet LAN Black, Grey

Brand : QNAP

Product code: TS-453 PRO-2G

Product name : TS-453 Pro

4 x 3.5”/ 2.5” SATA HDD / SSD Bays, Intel Celeron (2.0GHz, 4 Cores), DDR3L, Flash 512MB DOM, RAID 0/1/5/6/10/5+Hot/JBOD, 4 x Gigabit RJ-45, 3 x USB 3.0, 2 x USB 2.0, 1 x HDMI, Tower

QNAP TS-453 Pro NAS Tower Ethernet LAN Black, Grey:

The TS-453 Pro, featuring the easy-to-use QTS operating system, is a powerful, reliable, secure and scalable NAS solution designed for mission-critical business applications and to meet fast growing data storage needs. The TS-453 Pro supports SATA 6Gb/s drives and delivers high performance with persistent throughput, providing a comprehensive storage solution for SMBs to build a reliable private cloud.

Storage	
Storage drive interface *	Serial ATA, Serial ATA II, Serial ATA III
Storage drive size	2.5/3.5"
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, JBOD
Hot-swap drive bays	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4
Storage drives installed *	✓
Number of storage drives supported *	4
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD

Processor	
Processor family *	Intel® Celeron®
Processor frequency *	2 GHz
Processor cores	4

Memory	
Internal memory type	DDR3L
Maximum RAM supported	8 GB
Memory slots	2
Internal memory *	2 GB
Flash memory	512 MB

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
DHCP client	✓
DHCP server	✓
Jumbo frames support	✓
iSCSI support	✓
Wake-on-LAN ready	✓
Supported network protocols	CIFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, SMSC

Ports & interfaces	
USB port *	✓
USB 2.0 ports quantity	2

Design	
Built-in display	✓
Display type	LED
Cable lock slot	✓
Cable lock slot type	Kensington

Performance	
Type *	NAS
Device class *	Small & Medium Business
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Buzzer	✓
Multilingual support	✓
Built-in optical drive	✗
Card reader integrated	✗
Management protocols	SNMP v2 / v3
Web-based management	✓
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Reset button	✓
On/off switch	✓

Software	
Operating system installed *	QNAP Turbo System
Windows operating systems supported	✓
Linux operating systems supported	✓
Mac operating systems supported	✓

Power	
Power supply unit (PSU) capacity	250 W
Number of power supply units	1
Redundant power supply (RPS) support	✗
AC input voltage	100-240 V
AC input frequency	50 - 60 Hz
Fan voltage	12 V

Weight & dimensions	
Width *	180 mm

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
HDMI ports quantity	1
Ethernet LAN (RJ-45) ports *	4

Design	
Chassis type *	Tower
Cooling type *	Active
Product colour	Black, Grey
Number of fans	1 fan(s)
Fan diameter	9 cm
LED indicators	✓

Weight & dimensions	
Depth *	235 mm
Height *	177 mm

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

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%

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