



QNAP TS-451-4G NAS/storage server Tower Ethernet LAN Grey, Silver

Brand : QNAP

Product code: TS-451-4G

Product name : TS-451-4G

Intel Celeron 2.41 GHz, 4 GB DDR3 RAM, 512 MB ROM, 4x3.5/2.5 mm SATA 2/3 HDD/SSD, 2 x RJ-45, USB 2.0, USB 3.0, HDMI, QTS 4.1

QNAP TS-451-4G. Supported storage drive types: HDD & SSD, Storage drive interface: Serial ATA II, Serial ATA III, Storage drive size: 2.5/3.5". Processor family: Intel® Celeron®, Processor frequency: 2.41 GHz. Internal memory: 4 GB, Internal memory type: DDR3, Maximum RAM supported: 8 GB. Ethernet LAN data rates: 10,100,1000 Mbit/s. Chassis type: Tower, Cooling type: Active, Product colour: Grey, Silver



Storage		Design	
Storage drive interface *	Serial ATA II, Serial ATA III	Chassis type *	Tower
Storage drive size	2.5/3.5"	Cooling type *	Active
RAID support *	✓	Product colour	Grey, Silver
Hot-swap drive bays	✓	Number of fans	1 fan(s)
Storage drives installed *	✗	Performance	
Number of storage drives supported *	4	Type *	NAS
Supported storage drive types *	HDD & SSD	Device class *	Home & Home Office
Processor		Software	
Processor family *	Intel® Celeron®	Operating system installed *	QNAP Turbo System
Processor frequency *	2.41 GHz	Operating system version	4.1
Processor cores	2	Power	
Memory		Power supply location	External
Internal memory type	DDR3	Power supply unit (PSU) capacity	90 W
Maximum RAM supported	8 GB	Number of power supply units	1
Internal memory *	4 GB	Power consumption (typical)	31.07 W
Network		Power consumption (sleep)	0.55 W
Ethernet LAN *	✓	AC input voltage	100-240 V
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Wi-Fi	✗	Width *	180 mm
DHCP client	✓	Depth *	235 mm
DHCP server	✓	Height *	177 mm
Ports & interfaces		Weight	3 kg
USB 2.0 ports quantity	2	Package weight	4.3 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2	Operational conditions	
HDMI ports quantity	1	Operating temperature (T-T)	0 - 40 °C
Ethernet LAN (RJ-45) ports *	2	Operating relative humidity (H-H)	5 - 95%

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