



# QNAP TS-1273AU-RP-8G NAS Rack (2U) Ryzen Embedded V1500B 8 GB DDR4 168 TB HDD QNAP Turbo System Black



**Brand :** QNAP

**Product code:** TS-1273AU-RP-8G/168TB-GOLD

**Product name :** TS-1273AU-RP-8G

AMD Ryzen Embedded V1500B, 8 GB UDIMM DDR4 (1 x 8 GB), 5 GB Flash, 12 x 3.5-inch SATA 2/3, 89 x 482 x 425 mm, 300W (x2) PSU, 100 - 240V

QNAP TS-1273AU-RP-8G. Type: NAS. Chassis type: Rack (2U). Device class: Small & Medium Business. Processor family: Ryzen Embedded, Processor model: V1500B, Processor frequency: 2.2 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 168 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System

Storage		Design	
Storage drive interface *	Serial ATA II, Serial ATA III	Chassis type *	Rack (2U)
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Cooling type *	Active
Storage drive size	2.5/3.5"	Product colour	Black
Storage drive sizes supported	2.5,3.5"	Number of fans	2 fan(s)
RAID support *	✓	Fan diameter	8 cm
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	LED indicators	HDD, LAN, Power, Status, USB
Online RAID migration	✓	<b>Performance</b>	
Online RAID expansion	✓	Type *	NAS
RAID rebuild	✓	Device class *	Small & Medium Business
Hot-swap drive bays	✓	Backup function *	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Backup features	Cloud, iSCSI LUN
Storage drives installed *	✓	Buzzer	✓
Total installed storage capacity *	168 TB	Multilingual support	✓
Number of storage drives installed *	12	Snapshot	✓
Number of storage drives supported *	12	Web-based management	✓
Installed storage drive type *	HDD	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3, SSL/TLS
Supported storage drive types *	HDD & SSD	Access Control List (ACL)	✓
Bad block scan	✓	Reset button	✓
<b>Processor</b>		On/off switch	✓
Processor manufacturer *	AMD	Browser supported	Apple Safari 7+, Google Chrome, Mozilla Firefox
Processor family *	Ryzen Embedded	System log	✓
Processor model *	V1500B	Hot spare	✓
Processor frequency *	2.2 GHz	Disk scan	✓
Processor cores	4	S.M.A.R.T. support	✓
Processor threads	8	Share folder	CIFS/SMB
<b>Memory</b>		Universal Plug and Play (UPnP)	✓
Internal memory *	8 GB	<b>Software</b>	
Internal memory type	DDR4	Operating system installed *	QNAP Turbo System
Maximum RAM supported	64 GB	Operating system version	4.4.2
Memory slots	2	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Memory form factor	DIMM	Linux operating systems supported	✓
Flash memory	5000 MB	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur	
<b>Network</b>		Mac operating systems supported	
Ethernet LAN *	✓		
Ethernet LAN data rates	100,1000,2500 Mbit/s		
DHCP client	✓		
DHCP server	✓		
Jumbo frames support	✓		

Network		Software	
iSCSI support	✓	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Wake-on-LAN ready	✓		
Link aggregation	✓		
Load balancing system	✓		
Dynamic DNS (DDNS)	✓		
WLAN adapter supported	✓		
Ports & interfaces		Power	
USB port *	✓	Power supply location	Built-in
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Power supply unit (PSU) capacity	300 W
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Number of power supply units	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	AC input voltage	100-240 V
Ethernet LAN (RJ-45) ports *	2	Fan voltage	12 V
PCI Express x4 (Gen 3.x) slots	2	Weight & dimensions	
		Width *	482 mm
		Depth *	425 mm
		Height *	89 mm
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Power cables quantity	2
		Number of screws	84
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Storage relative humidity (H-H)	5 - 95%

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