



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



**Brand :** QNAP

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

**Product name :** TS-1273AU-RP-8G/168TB-IWP

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/168TB-IWP. 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		Ports & interfaces	
Storage drive interface *	Serial ATA II, Serial ATA III	Ethernet LAN (RJ-45) ports *	2
Supported storage drive interfaces	Serial ATA II, Serial ATA III	<b>Design</b>	
Storage drive size	2.5/3.5"	Chassis type *	Rack (2U)
Storage drive sizes supported	2.5,3.5"	Cooling type *	Active
RAID support *	✓	Product colour	Black, Grey
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Number of fans	2 fan(s)
Online RAID migration	✓	Fan diameter	8 cm
Online RAID expansion	✓	Fan diameter 2	8 cm
RAID rebuild	✓	LED indicators	HDD, LAN, Power, Status, USB
Hot-swap drive bays	✓	<b>Performance</b>	
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Type *	NAS
Storage drives installed *	✓	Device class *	Small & Medium Business
Total installed storage capacity *	168 TB	Backup function *	✓
Number of storage drives installed *	12	Backup features	Cloud, iSCSI LUN
Number of storage drives supported *	12	Buzzer	✓
Installed storage drive type *	HDD	Multilingual support	✓
Supported storage drive types *	HDD & SSD	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3, SSL/TLS
<b>Processor</b>		Access Control List (ACL)	✓
Processor manufacturer *	AMD	Reset button	✓
Processor family *	Ryzen Embedded	On/off switch	✓
Processor model *	V1500B	Browser supported	Apple Safari 7+, Google Chrome, Mozilla Firefox
Processor frequency *	2.2 GHz	System log	✓
Processor cores	4	Hot spare	✓
Processor threads	8	Disk scan	✓
L2 cache	2 MB	S.M.A.R.T. support	✓
L3 cache	4 MB	Share folder	CIFS/SMB
<b>Memory</b>		<b>Software</b>	
Internal memory *	8 GB	Operating system installed *	QNAP Turbo System
Internal memory type	DDR4	Operating system version	4.4.2
Maximum RAM supported	32 GB	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Memory slots	2	Linux operating systems supported	✓
Memory form factor	DIMM	Mac operating systems supported	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
Flash memory	5000 MB		
<b>Network</b>			
Ethernet LAN *	✓		
Ethernet LAN data rates	100,1000,2500 Mbit/s		
DHCP client	✓		
DHCP server	✓		

Network		Software	
Jumbo frames support	✓		Windows Server 2008 R2, Windows Server 2008 R2 x64, Windows Server 2012, Windows Server 2012 R2, Windows Server 2012 x64, Windows Server 2016, Windows Server 2016 x64, Windows Server 2019
iSCSI support	✓		
Wake-on-LAN ready	✓	Server operating systems supported	
Dynamic DNS (DDNS)	✓		
Ports & interfaces		Other operating systems supported	Solaris 10
USB port *	✓	Power	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Power supply location	Built-in
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Power supply unit (PSU) capacity	300 W
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Number of power supply units	2
		AC input voltage	100 - 240 V
		Weight & dimensions	
		Width *	482 mm
		Depth *	425 mm
		Height *	89 mm
		Weight	9.69 kg
		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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