

TVS-871-i5-8G	
CPU	Intel® Core™ i5-4590S quad-core 3.0 GHz processor
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	8 GB DDR3 RAM (2 x 4 GB)
Maximum Memory	16 GB
Memory Slot	2 When upgrading RAM, the original RAM module in the upgradable slot must be removed. For the information of RAM module installation and compatible NAS models, please refer to the QNAP RAM Module Installation Guide .
Flash Memory	512MB (DOM for dual OS)
Drive Bay	8 x 3.5-inch The standard system is shipped without hard drives. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/
Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
Gigabit Ethernet Port (RJ45)	4 For a list of compatible network adapters, please visit the Compatibility List . For instructions on how to install network adapters, please refer to Chapter 6 of the QNAP NAS Hardware Manual .
Jumbo Frame	Yes
PCIe Slot	2 (1* PCIe Gen3 x8, 1* PCIe Gen2 x4)
USB 2.0 port	2
USB 3.0 port	3
HDMI Output	1 (4K)
Form Factor	Tower
LED Indicators	HDD 1-8, Status, USB, LAN
LCD Display/ Button	Yes

Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	185.2 × 298.2 × 235.4 mm
Weight (Net)	7.83 kg
Weight (Gross)	8.9 kg
Operating temperature	0 - 40 °C (32°F - 104°F)
Relative Humidity	5~95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	ATX 350W, Input: 110-240 Vac~, 50-60Hz, 5A
Power Consumption: HDD Sleep Mode	45.43 W
Power Consumption: Operating Mode, Typical	82.06 W With 8 x WD WD20EFRX hard drive installed
Fan	2 x quiet cooling fan (12 cm, 12V DC)
Sound Level	23.1 db(A)
System Warning	Buzzer

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications. Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.