



TVS-871-i7-16G (Legacy)

CPU	Intel® Core™ i7-4790S 4-core 3.2 GHz processor
CPU Architecture	64-bit x86
Graphic Processors	Intel® HD Graphics 4600
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	16 GB DDR3 RAM (2 x 8 GB)
Maximum Memory	16 GB (2 x 8 GB)
Memory Slot	2 x DDR3 SODIMM 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 SATA 6Gb/s, 3Gb/s 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
SSD Cache Acceleration Support	Disk 1, 2, 3, 4
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 .

Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	2 (1* PCIe Gen 3 x8, 1* PCIe Gen 2 x4)
USB 2.0 port	2
USB 3.2 Gen 1 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)	7.29 × 11.74 × 9.27 inch
Weight (Net)	17.26 lbs
Weight (Gross)	19.62 lbs
Operating Temperature	0 - 40 °C (32°F - 104°F)
Storage Temperature	-20 - 70°C (-4°F - 158°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	45.37 W
Power Consumption: Operating Mode, Typical	82.51 W Tested fully populated with WD WD20EFRX hard drives.
Fan	2 x quiet cooling fan (120mm, 12VDC)
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	5000

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 and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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