

QNAP

Playback and Transcode 4K Ultra High Definition Video



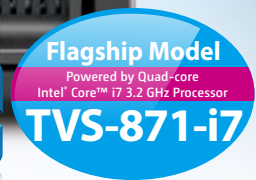
Turbo vNAS TVS-x71 Series

Intel Core i7/i5/i3 and Pentium processors (up to 4.0 GHz)



Use your Turbo vNAS as a PC

THUNDER CLOUD



- ▶ World-class Turbo vNAS
 - Superior performance: TVS-871 delivers over 2,300 MB/s throughput and 136,000 IOPS
- ▶ QNAP proprietary acceleration technology for efficient cryptographic performance
- ▶ Dual PCIe expansion (PCIe Gen3 x8/PCIe Gen2 x4) for a maximum of 4x 10GbE or 8x 1GbE ports
- ▶ Built-in QvPC (QNAP virtualized Personal Computer) technology: Use the Turbo vNAS as a PC
- ▶ Supports transcoding and playing back 4K videos
- ▶ The best storage solution for high-resolution file formats and video production workflows
- ▶ VMware®, Microsoft® Hyper-V, Citrix® Ready, and Microsoft® VDI compatible
- ▶ Optimized for file management, sharing and backing up business data (LUN backup)

TVS-x71 Series



TVS-471-i3-4G
TVS-471-PT-4G



TVS-671-i5-8G/ TVS-671-i3-4G
TVS-671-PT-4G



TVS-871-i7-16G/ TVS-871-i5-8G
TVS-871-i3-4G/ TVS-871-PT-4G








Hardware Specifications



	TVS-471		TVS-671			TVS-871			
NAS	TVS-471-PT-4G	TVS-471-i3-4G	TVS-671-PT-4G	TVS-671-i3-4G	TVS-671-i5-8G	TVS-871-PT-4G	TVS-871-i3-4G	TVS-871-i5-8G	TVS-871-i7-16G
CPU	Intel G3250 3.2 GHz dual-core processor, or above	Intel Core i3-4150 3.5 GHz dual-core processor, or above	Intel G3250 3.2 GHz dual-core processor, or above	Intel Core i3-4150 3.5 GHz dual-core processor, or above	Intel Core i5-4590S 3.0 GHz quad-core processor, or above (up to 3.7 GHz)	Intel G3250 3.2 GHz dual-core processor, or above	Intel Core i3-4150 3.5 GHz dual-core processor, or above	Intel Core i5-4590S 3.0 GHz quad-core processor, or above (up to 3.7 GHz)	Intel Core i7-4790S 3.2 GHz quad-core processor, or above (up to 4.0 GHz)
Memory	4GB DDR3 (Max. 16GB)	4GB DDR3 (Max. 16GB)	4GB DDR3 (Max. 16GB)	4GB DDR3 (Max. 16GB)	8GB DDR3 (Max. 16GB)	4GB DDR3 (Max. 16GB)	4GB DDR3 (Max. 16GB)	8GB DDR3 (Max. 16GB)	16GB DDR3
USB 2.0/3.0	2/3								
Hard Drive	4 x 3.5-inch SATA 6Gbps, SATA 3Gbps hard drive or 2.5-inch SATA, SSD hard drive		6 x 3.5-inch SATA 6Gbps, SATA 3Gbps hard drive or 2.5-inch SATA, SSD hard drive			8 x 3.5-inch SATA 6Gbps, SATA 3Gbps hard drive or 2.5-inch SATA, SSD hard drive			
Maximum Raw Capacity	32 TB		48 TB			64 TB			
Gigabit Ethernet port	4 (Max. 8)		4 (Max. 8)			4 (Max. 8)			
10GbE Ethernet port	Optional								
PCIe Slot	2 (1* PCIe Gen.3 x8, 1* PCIe Gen.2 x4)		2 (1* PCIe Gen.3 x8, 1* PCIe Gen.2 x4)			2 (1* PCIe Gen.3 x8, 1* PCIe Gen.2 x4)			
Dimensions (H)x(W)x(D)	177 x 180 x 235 mm 6.97 x 7.09 x 9.25 inch		175 x 257 x 235 mm 6.89 x 10.12 x 9.25 inch			185.2 x 298.2 x 235.4 mm 7.29 x 11.74 x 9.27 inch			
Weight (Net / Gross)	4.56 kg (10.05 lbs) / 5.7 kg (12.57lbs)		6.18 kg (13.62 lbs) / 6.9 kg (15.21 lbs)			7.83 kg (17.26 lbs) / 8.9 kg (19.62 lbs)			
Power Supply	Input: 100-240V AC, 50/60Hz Output: 250W	Input: 100-240V AC, 50/60Hz Output: 250W	Input: 100-240V AC, 50/60Hz Output: 250W	Input: 100-240V AC, 50/60Hz Output: 250W	Input: 100-240V AC, 50/60Hz Output: 250W	Input: 100-240V AC, 50/60Hz Output: 350W	Input: 100-240V AC, 50/60Hz Output: 350W	Input: 100-240V AC, 50/60Hz Output: 350W	Input: 100-240V AC, 50/60Hz Output: 350W
Fan	Quiet cooling fan (9 cm, 12V DC) x 1		Quiet cooling fan (9 cm, 12V DC) x 2			Quiet cooling fan (12 cm, 12V DC) x 2			
LCD Screen	Yes								
Sound Level	17.13 dB		21 dB			23.1 dB			
Power Consumption (W)	Sleep mode: 28.39 In Operations: 49.38	Sleep mode: 28.19 In Operations: 50.52	Sleep mode: 36.32 In Operations: 62.25	Sleep mode: 38.72 In Operations: 66.30	Sleep mode: 36.47 In Operations: 62.18	Sleep mode: 45.51 In Operations: 82.59	Sleep mode: 45.43 In Operations: 82.06	Sleep mode: 45.48 In Operations: 83.81	Sleep mode: 45.37 In Operations: 82.51

* Design and specifications are subject to change without notice.

Accessories

Category	Order P/N	Description
Memory	 RAM-2GDR3-SO-1600	2GB DDR3-1600 RAM Module SO-DIMM
	 RAM-4GDR3-SO-1600	4GB DDR3-1600 RAM Module SO-DIMM
	 RAM-8GDR3-SO-1600	8GB DDR3-1600 RAM Module SO-DIMM
LAN Card	 LAN-10G2T-D	QNAP Dual-port 10 Gigabit Network Expansion Card for Tower Model (10GBASE-T interface)
	 LAN-10G1T-D	QNAP single-port 10 Gigabit Network Expansion Card for Tower Model (10GBASE-T interface)
	 LAN-10G1SR	QNAP single-port 10 Gigabit Network Expansion Card for Tower Model (10G SFP+ interface)
	 LAN-1G2T-D	QNAP Dual-port Gigabit Network Expansion Card for Turbo vNAS Tower Model