

QNAP USA office will be closed on Monday, February 17th 2020, in observance of President's Day.



HARDWARE SPECS

SOFTWARE SPECS

PACKAGE CONTENTS

▶ **TVS-872N-i3-8G**



CPU Intel® Core™ i3-8100T 4-core 3.1 GHz Processor

CPU Architecture 64-bit x86

Graphic Processors NVIDIA Quadro Graphics G20

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Floating Point Unit



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Encryption Engine

✓ (AES-NI)

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Hardware-accelerated  
Transcoding



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System Memory

8 GB SODIMM DDR4 (2 x 4 GB)

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Maximum Memory

32 GB ( 2 x 16 GB)

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Memory Slot

2 x SO-DIMM DDR4

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Flash Memory 5GB (Dual boot OS protection)

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Drive Bay 8 x 3.5-inch SATA 6Gb/s, 3Gb/s

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Drive Compatibility 3.5-inch bays:  
3.5-inch SATA hard disk drives  
2.5-inch SATA hard disk drives  
2.5-inch SATA solid state drives

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Hot-swappable 

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M.2 SSD Slot 2 x M.2 2280 PCIe Gen3 x2 slots

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SSD Cache Acceleration Support 

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Gigabit Ethernet Port (RJ45) 2

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5 Gigabit Ethernet Port 1 x 5GbE(5G/2.5G/1G/100M)

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Jumbo Frame 

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PCIe Slot 2  
Slot 1: PCIe Gen 3 x16 (CPU)  
Slot 2: PCIe Gen 3 x4 (PCH)

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USB 3.0 port 1

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USB 3.1 Gen 2 (10Gbps) Port 2 x Type-C USB 3.1 Gen2 5V/3A 10Gbps  
2 x Type-A USB 3.1 Gen2 5V/1A 10Gbps

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IR Sensor

✓ (QNAP RM-IR004 & MCE)

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HDMI Output

1, HDMI 2.0 (up to 3840 x 2160 @ 60Hz)

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Audio Input

1 x 3.5mm microphone input jacks

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Audio Output

1 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers)

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Form Factor

Tower

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LED Indicators

HDD 1-8, Status, LAN, USB port, M.2 port

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LCD Display/ Button



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Buttons

Power, Reset, USB Copy

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Dimensions (HxWxD)

7.41 × 12.96 × 11.01 inch

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Weight (Net)

15.56 lbs

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Weight (Gross)

20.26 lbs

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Operating temperature

0 - 40 °C (32°F - 104°F)

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Relative Humidity 5-95% RH non-condensing, wet bulb: 27° C (80.6° F)

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Power Supply Unit 250W, 100-240V

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Power Consumption: HDD Sleep Mode 41.47 W

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Power Consumption: Operating Mode, Typical 65.03 W

With WD10EFRX drives fully populated

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Fan System fan: 2 x 120mm, 12VDC  
CPU fan: 2 x 60mm blower fan

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Sound Level

31.2 dBA

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System Warning

Voice prompts or Buzzer

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Kensington Security Slot



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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.

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