

## TVS-972XU-RP-i3-4G

CPU	Intel® Core™ i3-8100 4-core 3.6 GHz processor Architecture: 64-bit Graphics: Intel® UHD Graphics 630
Encryption Acceleration	Yes , AES-NI
System Memory	4 GB UDIMM DDR4 (1 x 4 GB)
Maximum Memory	64 GB ( 4 x 16 GB)
Memory Slot	4 x Long-DIMM DDR4 (For dual- or quad-DIMM configurations, you must use a pair of identical DDR4 modules.)
Flash Memory	4 GB (Dual boot OS protection)
Drive Bay	4 x 3.5-inch SATA 6 Gbps bays 5 x 2.5-inch SATA 6 Gbps bays Hot-swappable
Drive Compatibility	3.5-inch bays: <ul style="list-style-type: none"> <li>· 3.5-inch SATA hard disk drives</li> <li>· 2.5-inch SATA hard disk drives</li> <li>· 2.5-inch SATA solid state drives</li> </ul> 2.5-inch bays: <ul style="list-style-type: none"> <li>· 2.5-inch SATA solid state drives</li> </ul>
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC ports
Gigabit Ethernet Port	2 x RJ45
PCIe Slot	1 x Gen3 x16
USB Port	2 x USB 3.0 2 x Type-C USB 3.1 Gen2 10Gbps 2 x Type-A USB 3.1 Gen2 10Gbps
HDMI Output	1 x HDMI 2.0, up to 3840 x 2160, @60Hz
LED Indicators	HDD 1-4, SSD 1-5, Status, LAN
Buttons	Power, Reset
System Warning	Voice prompts
Form Factor	1U Rackmount
Dimensions (H x W x D)	43.3 x 482.6 x 507.54 mm 1.7 x 19 x 19.9 inch
Weight	Net weight: 8.63 kg (18.99 lbs) Gross Weight: 11.62 kg (25.56 lbs)
Power Supply Unit	300W (x2), 100-240V

Power Consumption (W)	In operation: 70.39 W (with WD10EFRX drives fully populated)
Fan	System: 3 x 4.0cm fan (12V DC)
Sound Level	Sound pressure (LpAm): 47 dB(A)
Operating Temperature & Relative Humidity	0 ~ 40°C ( 32°F ~ 104°F ), 5 ~ 95% RH non-condensing, wet bulb: 27°C (80.6°F)
Security Slot	Kensington Security Slot

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.