

TVS-1271U

CPU	<p>TVS-1271U-RP-PT-4G: Dual-core Intel® Pentium® G3250 3.1 GHz Processor</p> <p>TVS-1271U-RP-i3-8G: Dual-core Intel® Core™ i3-4150 3.5 GHz Processor</p> <p>TVS-1271U-RP-i5-16G: Quad-core Intel® Core™ i5-4590S 3.0 GHz Processor</p> <p>TVS-1271U-RP-i7-32G: Quad-core Intel® Core™ i7-4790S 3.2 GHz Processor</p>
DRAM	<p>TVS-1271U-RP-PT-4G</p> <p>System memory: 4 GB DDR3 RAM</p> <p>Memory module pre-installed: 2 GB x2</p> <p>Total memory slots: 4</p> <p>Memory expandable up to: 32 GB (8GB x4)</p> <p>Note: When upgrading RAM to more than 20GB, the original 2GB RAM modules must be removed.</p> <p>TVS-1271U-RP-i3-8G:</p> <p>System memory: 8 GB DDR3 RAM</p> <p>Memory module pre-installed: 4 GB x2</p> <p>Total memory slots: 4</p> <p>Memory expandable up to: 32 GB (8GB x4)</p> <p>Note: When upgrading RAM to more than 24GB, the original 4GB RAM modules must be removed.</p> <p>TVS-1271U-RP-i5-16G:</p> <p>System memory: 16 GB DDR3 RAM</p> <p>Memory module pre-installed: 8 GB x2</p> <p>Total memory slots: 4</p> <p>Memory expandable up to: 32 GB (8GB x4)</p> <p>TVS-1271U-RP-i7-32G</p> <p>System memory: 32 GB DDR3 RAM</p> <p>Memory module pre-installed: 8 GB x4</p> <p>Total memory slots: 4</p> <p>For the information of RAM module installation and compatible NAS models, please refer to the QNAP RAM Module Installation Guide</p>
Flash Memory	512MB DOM

Internal Cache Port	<p>Two mSATA port on board for read caching</p> <p>Note: The standard system is shipped without mSATA flash module. For the optional mSATA flash module, please visit http://shop.qnap.com/</p>
Hard Drive	<p>12 x 3.5-inch SATA 6Gb/s, SATA 3Gb/s hard drive or 2.5-inch SATA, SSD hard drive</p> <p>NOTE:</p> <ol style="list-style-type: none"> 1. The standard system is shipped without hard drives. 2. For the hard drive compatibility list, please visit www.qnap.com/compatibility
Hard Disk Tray	12 x hot-swappable and lockable tray
LAN Port	<p>4 x Gigabit RJ-45 Ethernet port</p> <p>(Expandable up to 8 x 1 Gb LAN or 4 x 10 Gb + 4 x 1 Gb LAN by installing optional dual-port 10 Gb and 1 Gb network card)</p> <p>Note:</p> <ol style="list-style-type: none"> 1. For the optional network card compatibility list, please visit www.qnap.com/compatibility 2. For the information of network card installation, please refer to chapter 6 in the Turbo NAS Hardware Manual.
LED Indicators	Status, 10 GbE, LAN, storage expansion port status
USB/eSATA	<p>4x USB 3.0 port (rear) 4x USB 2.0 port (rear)</p> <p>Support USB printer, pen drive, USB hub, and USB UPS etc.</p>
HDMI	1
Buttons	System: Power button and reset button
Alarm Buzzer	System warning
Form Factor	2U, Rackmount
Dimensions	<p>89(H) x 482(W) x 534(D) mm</p> <p>3.5(H) x 18.98(W) x 21.02(D) inch</p>

Weight	16.14 kg/ 35.58 lb (Net) 18.98 kg/ 41.84 lb (Gross)
Power Consumption (W)	<p>HDD Standby:</p> <p>TVS-1271U-RP-PT-4G: 88.88</p> <p>TVS-1271U-RP-i3-8G: 87.89</p> <p>TVS-1271U-RP-i5-16G: 88.91</p> <p>TVS-1271U-RP-i7-32G: 89.82</p> <p>In Operation:</p> <p>TVS-1271U-RP-PT-4G: 173.38</p> <p>TVS-1271U-RP-i3-8G: 176.27</p> <p>TVS-1271U-RP-i5-16G: 174.64</p> <p>TVS-1271U-RP-i7-32G: 176.42</p> <p>(with 12 x WD WD20EFRX hard drive installed)</p>
Sound Level*	Sound pressure (LpAm): 45.0 dB(A)
Temperature	0~40°C
Relative Humidity	5~95% non-condensing, wet bulb: 27°C.
Power Supply	<p>Input : 100-240V~, 50-60Hz, 7A-3.5A</p> <p>Output: 500W</p>
PCIe Slot	2 (1* PCIe Gen3 x8, 1* PCIe Gen3 x4)
Fan	3 x 7 cm smart cooling fan

