



## QVP-41B-8G-P

OS	QVR Pro OS (QVP)
CPU	Intel Celeron ® Processor
CPU Architecture	64-bit x86
Graphic Processors	Intel® HD Graphics 600
System Memory	8 GB SODIMM DDR4 (2 x 4 GB)
Maximum Memory	8 GB (2 x 4 GB)
Memory Slot	2 x SO-DIMM DDR4
Flash Memory	4GB (Dual boot OS protection)
Max Live Cameras (Local Display)	24ch @ All 720p,H.264, 30FPS 12ch @ All 1080p,H.264, 30FPS
Max Playback Cameras (Local Display)	12
Max Concurrent Connection (Client)	8 (4 live cameras / per remote client) *The number of client concurrent connection varies by live cameras
Embedded Channel	8
Max Channel	24  H264 / 1920x1080 / 30FPS
Max Throughput	288 Mbps
Drive Bay	4 x 3.5-inch SATA 6Gb/s, 3Gb/s  The system is shipped without HDD. For the HDD compatibility list, please visit <a href="https://www.qnap.com/compatibility/">https://www.qnap.com/compatibility/</a>
Drive Compatibility	2.5-inch bays: 2.5-inch solid-state drives 2.5-inch hard disk drives 3.5-inch bays: 3.5-inch solid-state drives 3.5-inch hard disk drives
Hot-swappable	Yes

M.2 SSD Slot	2 x M.2 2280 SATA x2 slots
Gigabit Ethernet Port (RJ45)	14
1GbE SFP/RJ45 Combo Ports	2
PoE PSE (802.3af, 15.4W)	Ports 1-16
PoE+ PSE (802.3at, 30W)	Ports 1-16
PoE Power Output	Ports 1-16 (Max 30W per port)
Total PoE Power Budget	140W
2.5 Gigabit Ethernet Port	2
USB 3.2 Gen 1 port	3
HDMI™ Output	2, HDMI™ 2.0 (up to 3840 x 2160 @ 60Hz)
Form Factor	Tower
LED Indicators	HDD 1-4, Switch, Host, Warning, PoE, Fan
LCD Display/ Button	Yes
Buttons	Power, Reset
Dimensions (HxWxD)	5.12 × 11.61 × 8.85 inch
Weight (Net)	8.99 lbs
Weight (Gross)	11.77 lbs
Operating temperature	0 - 40 °C (32°F - 104°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	250W, 100-240V
Power Consumption: HDD Sleep Mode	26.33 W
Power Consumption: Operating Mode, Typical	43.584 W With WD10EFRX drives fully populated
Fan	System fan: 120 x 120mm, 12VDC
System Warning	Voice prompts or Buzzer
Tray Locker	Yes
File System: Internal Hard Drive	EXT4
RAID Recovery	Yes

Online RAID Capacity Expansion	Yes
Online RAID Level Migration	Yes
RAID 10+ hot spare	Yes
RAID 10	Yes
RAID 5+ Spare	Yes
RAID 5	Yes
RAID 1	Yes
RAID 0	Yes
JBOD	Yes
Single Disk	Yes
Global Hot Spare	Yes
Wake on LAN (WOL)	Yes
Schedule Power On/Off (15 settings)	Yes
Telnet & SSH logins (Admin only)	Yes
Syslog Server & Client	Yes
Language	English, German, French, Italian, Spanish, Polish, Swedish, Danish, Norwegian, Finnish, Russian, Japanese, Korean, Dutch, Czech, Traditional Chinese, Simplified Chinese, Turkish, Hungarian, Romanian, Thai, Portuguese/Brazil, Greek
Supported Standards	CE, FCC, VCCI, BSMI
Electromagnetic Compliance	Class A
Jumbo Frames	Yes
Safety Standard	IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3z 1000Base-X IEEE 802.3x Full-duplex flow control IEEE 802.3af/at Power-over-Ethernet (PoE) IEEE 802.1q Virtual LANs (VLAN) IEEE 802.1p QoS Protocol for Traffic Prioritization IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af/at Power-over-Ethernet (PoE)

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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