



QVP-41B	
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
Max Throughput	288 Mbps
Drive Bay	4 x 3.5-inch SATA 6Gb/s, 3Gb/s
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)	130 × 295 × 224.8 mm
Weight (Net)	4.08 kg
Weight (Gross)	5.34 kg
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
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.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

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