



QVP-41B

OS	QVR Pro OS (QVP)
CPU	Intel Celeron ® J4125 quad-core 2.0 GHz processor (burst up to 2.7 GHz)
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	264 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	140W
Total PoE Power Budget	Ports 1-16 (Max 30W)
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.

* Sound Level Test

Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS. Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.