



QVP-63A

OS	QVR Pro OS (QVP)
CPU	Intel® Core™ i3 Processor
CPU Architecture	64-bit x86
Graphic Processors	Intel® UHD Graphics 630
System Memory	16 GB SODIMM DDR4 (2 x 8 GB)
Maximum Memory	32 GB (2 x 16 GB)
Memory Slot	2 x SO-DIMM DDR4
Flash Memory	5GB (Dual boot OS protection)
Max Live Cameras (Local Display)	32ch @ All 720p,H.264, 30FPS 16ch @ All 1080p,H.264, 30FPS
Max Playback Cameras (Local Display)	12
Max Concurrent Connection (Client)	16 (4 live cameras / per remote client) *The number of client concurrent connection varies by live cameras
Embedded Channel	8
Max Channel	36
Max Throughput	396 Mbps
Drive Bay	6 x 3.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
M.2 SSD Slot	2 x M.2 2280 PCIe Gen3 x2 slots
Gigabit Ethernet Port (RJ45)	2

PCIe Slot	2 Slot 1: PCIe Gen 3 x16 (CPU) Slot 2: PCIe Gen 3 x4 (PCH)
USB 3.2 Gen 1 port	1
USB 3.2 Gen 2 (10Gbps) Port	2 x Type-C USB 3.2 Gen2 5V/3A 10Gbps 2 x Type-A USB 3.2 Gen2 5V/1A 10Gbps
HDMI Output	1, HDMI 2.0 (up to 3840 x 2160 @ 60Hz)
Audio Input	1 x 3.5mm microphone input jacks
Audio Output	1 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers)
Form Factor	Tower
LED Indicators	HDD 1-6, Status, LAN, USB port, M.2 port
LCD Display/ Button	Yes
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	188.2 × 264.3 × 279.6 mm
Weight (Net)	6.553 kg
Weight (Gross)	8.07 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	26.52 W
Power Consumption: Operating Mode, Typical	45.6 W
Fan	System fan: 2 x 92mm, 12VDC CPU fan: 2 x 60mm blower fan
Sound Level	23.8 db(A)
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 6+ hot spare	Yes
RAID 6	Yes
RAID 5+ Spare	Yes
RAID 5	Yes
RAID 1	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

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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