



TVR-AI200

OS	TVR OS (QNE)
CPU	ARM Quad-core Cortex-A55 up to 2.0GHz
CPU Architecture	64-bit ARM
Graphic Processors	Mali-G52
Hardware-accelerated Transcoding	Yes
System Memory	4GB
Maximum Memory	4GB
Flash Memory	4GB (Dual boot OS protection)
Max Live Cameras (Local Display)	16Mpx
Max Playback Cameras (Local Display)	4
Max Concurrent Connection (Client)	1 from HDMI™ 4 from other clients via network
Embedded Channel	16
Max Channel	16 H264 / 1920x1080 / 30FPS
Max Throughput	160 Mbps
Drive Bay	2x 3.5-inch SATA 6Gb/s The system is shipped without HDD. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/
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
Gigabit Ethernet Port (RJ45)	1

PoE PSE (802.3af, 15.4W)	Ports 1-16
PoE+ PSE (802.3at, 30W)	Ports 1-16
PoE Power Output	Ports 1-16 (Max 25.5W per port)
Total PoE Power Budget	130W
USB 2.0 port	2
USB 3.2 Gen 1 port	1
HDMI™ Output	1, HDMI™ 1.4b (up to 4096 x 2160 @ 30Hz)
Form Factor	1U Rackmount compatible
LED Indicators	HDD 1-2, Status, LAN
Buttons	Power, Reset
Dimensions (HxWxD)	44 × 360 × 333 mm
Weight (Net)	2.16 kg
Weight (Gross)	3.6 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	190W, 100 - 240V
Power Consumption: HDD Sleep Mode	20.7 W
Power Consumption: Operating Mode, Typical	23.9 W
Fan	1 x 40mm, 12VDC
Sound Level	45 db(A)
System Warning	Buzzer
File System: Internal Hard Drive	EXT4
RAID Recovery	Yes
RAID 1	Yes
Single Disk	Yes
Wake on LAN (WOL)	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 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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