



# QNAP QVP-21A-04CH NAS/storage server Tower Ethernet LAN Black J1900



**Brand :** QNAP

**Product code:** QVP-21A-04CH

**Product name :** QVP-21A-04CH

- Supports thousands of cameras from over 150 brands
  - Monitor and manage cameras from Windows, Mac and mobile devices
  - Add storage space to the QVP-21A by using QNAP expansion units
- Intel J1900, 8 GB DDR3L, 5 GB, 2x 3.5", RJ-45, USB 3.2, HDMI, 150x102x216 mm  
 QNAP QVP-21A-04CH. Supported storage drive types: HDD & SSD, Supported storage drive interfaces: Serial ATA II, Serial ATA III, Storage drive sizes supported: 2.5,3.5". Processor family: Intel® Celeron®, Processor manufacturer: Intel, Processor model: J1900. Internal memory: 8 GB, Internal memory type: DDR3L, Maximum RAM supported: 8 GB. Ethernet LAN data rates: 1000 Mbit/s, Supported network protocols: HTTP, HTTPS, TCP/IP, UDP, DHCP, Static IP, DNS, DDNS, UPnP, FTP, NTP, and SMTP. HDMI version: 1.4b

Storage		Performance	
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Buzzer	✓
Storage drive sizes supported	2.5,3.5"	Noise level	19.4 dB
RAID support *	✓	Web-based management	✓
RAID levels	0, 1, 5, 6, 10, JBOD	Security algorithms	HTTPS, SSH
Online RAID migration	✓	Reset button	✓
Online RAID expansion	✓	On/off switch	✓
Hot-swap drive bays	✓	System log	✓
Supported file systems	ext4	Hot spare	✓
Storage drives installed *	✗	S.M.A.R.T. support	✓
Number of storage drives supported *	2	USB copy function	✓
Installed storage drive type *	✗	Software	
Supported storage drive types *	HDD & SSD	Operating system installed *	QVR Pro OS (QVP)
Processor		Power	
Processor manufacturer *	Intel	Power supply location	Built-in
Processor family *	Intel® Celeron®	Power supply unit (PSU) capacity	90 W
Processor model *	J1900	Number of power supply units	1
Processor frequency *	2 GHz	Power consumption (typical)	16.34 W
Processor boost frequency	2.42 GHz	Power consumption (sleep)	10.14 W
Processor cores	4	Power consumption (off)	0.74 W
CPU configuration (max)	1	AC input voltage	100-240 V
Conflict-Free processor	✓	Weight & dimensions	
Memory		Width *	102 mm
Internal memory type	DDR3L	Depth *	216 mm
Maximum RAM supported	8 GB	Height *	150 mm
Memory slots	2	Weight	1.47 kg
Internal memory *	8 GB	Package weight	2.92 kg
Memory form factor	SO-DIMM	Packaging content	
Flash memory	5000 MB	Cables included	AC, LAN (RJ-45)
Network		Number of screws	14
Ethernet LAN *	✓	Processor special features	
Ethernet LAN data rates	1000 Mbit/s	Embedded options available	✓
DHCP server	✓	Enhanced Intel SpeedStep Technology	✓
Wake-on-LAN ready	✓	Execute Disable Bit	✓

Network		Processor special features	
Supported network protocols	HTTP, HTTPS, TCP/IP, UDP, DHCP, Static IP, DNS, DDNS, UPnP, FTP, NTP, and SMTP	Graphics & IMC lithography	22 nm
<b>Ports &amp; interfaces</b>		Intel 64	✓
USB port *	✓	Intel FDI Technology	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Intel Identity Protection Technology version	0.00
HDMI ports quantity	1	Intel Rapid Storage Technology	✗
HDMI version	1.4b	Intel Small Business Advantage (SBA) version	0.00
Ethernet LAN (RJ-45) ports *	2	Intel Stable Image Platform Program (SIPP)	✗
<b>Design</b>		Intel Stable Image Platform Program (SIPP) version	0.00
Chassis type *	Tower	Intel Virtualization Technology (VT-x)	✓
Cooling type *	Active	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Product colour	Black	<b>Operational conditions</b>	
Number of fans	1 fan(s)	Operating temperature (T-T)	0 - 40 °C
Fan diameter	7 cm	Operating relative humidity (H-H)	5 - 95%
LED indicators	Power, Reset	<b>Logistics data</b>	
<b>Performance</b>		Harmonized System (HS) code	84714100
Type *	NAS		
Device class *	Small & Medium Business		
Backup function *	✓		
Backup features	Cloud		



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