QNAP

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

Brand : QNAP

Product name : QVP-21A-04CH

Product code: 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, 150×102×216 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

Supported storage drive interfaces	Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	✓
Online RAID expansion	✓
Hot-swap drive bays	✓
Supported file systems	ext4
Storage drives installed *	✖
Number of storage drives supported *	2
Installed storage drive type *	✖
Supported storage drive types *	HDD & SSD

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor model *	J1900
Processor frequency *	2 GHz
Processor boost frequency	2.42 GHz
Processor cores	4
CPU configuration (max)	1
Conflict-Free processor	✓

Memory

Internal memory type	DDR3L
Maximum RAM supported	8 GB
Memory slots	2
Internal memory *	8 GB
Memory form factor	SO-DIMM
Flash memory	5000 MB

Network

Ethernet LAN *	✓
Ethernet LAN data rates	1000 Mbit/s
DHCP server	✓
Wake-on-LAN ready	✓

Performance

Buzzer	✓
Noise level	19.4 dB
Web-based management	✓
Security algorithms	HTTPS, SSH
Reset button	✓
On/off switch	✓
System log	✓
Hot spare	✓
S.M.A.R.T. support	✓
USB copy function	✓

Software

Operating system installed *	QVR Pro OS (QVP)

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	90 W
Number of power supply units	1
Power consumption (typical)	16.34 W
Power consumption (sleep)	10.14 W
Power consumption (off)	0.74 W
AC input voltage	100-240 V

Weight & dimensions

Width *	102 mm
Depth *	216 mm
Height *	150 mm
Weight	1.47 kg
Package weight	2.92 kg

Packaging content

Cables included	AC, LAN (RJ-45)
Number of screws	14

Processor special features

Embedded options available	✓
Enhanced Intel SpeedStep Technology	✓
Execute Disable Bit	✓

Network

Supported network protocols	HTTP, HTTPS, TCP/IP, UDP, DHCP, Static IP, DNS, DDNS, UPnP, FTP, NTP, and SMTP

Ports & interfaces

USB port *	✔
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
HDMI ports quantity	1
HDMI version	1.4b
Ethernet LAN (RJ-45) ports *	2

Design

Chassis type *	Tower
Cooling type *	Active
Product colour	Black
Number of fans	1 fan(s)
Fan diameter	7 cm
LED indicators	Power, Reset

Performance

Type *	NAS
Device class *	Small & Medium Business
Backup function *	✔
Backup features	Cloud

Processor special features

Graphics & IMC lithography	22 nm
Intel 64	✔
Intel FDI Technology	✘
Intel Identity Protection Technology version	0.00
Intel Rapid Storage Technology	✘
Intel Small Business Advantage (SBA) version	0.00
Intel Stable Image Platform Program (SIPP)	✘
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Virtualization Technology (VT-x)	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✘

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%

Logistics data

Harmonized System (HS) code	84714100

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