QNAP

QNAP QVP-63A NAS/storage server Tower Ethernet LAN Black i3-8100T

Brand : QNAP

Product name : QVP-63A

Product code: QVP-63A

- Supports thousands of cameras from over 150 brands
- Monitor and manage cameras from Windows, Mac and mobile devices
- Add storage space to the QVP-63A by using QNAP expansion units

Intel Core i3-8100T, 16 GB DDR4, 5 GB, 6x 3.5", 2x M.2, 2x PCIe, USB 3.2, HDMI, 188.2×264.3×279.6 mm

QNAP QVP-63A. Supported storage drive types: HDD & SSD, Supported storage drive interfaces: M.2, Serial ATA II, Serial ATA III, Storage drive sizes supported: 2.5,3.5". Processor family: Intel® Core™ i3, Processor manufacturer: Intel, Processor model: i3-8100T. Internal memory: 16 GB, Internal memory type: DDR4, Maximum RAM supported: 32 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. Chassis type: Tower, Cooling type: Active, Product colour: Black

Storage

Supported storage drive interfaces	M.2, Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
Number of M.2 (M & B) slots	2
RAID support *	✓
RAID levels	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 *	6
Installed storage drive type *	✗
Supported storage drive types *	HDD & SSD

Processor

Processor manufacturer *	Intel
Processor generation	8th gen Intel® Core™ i3
Processor family *	Intel® Core™ i3
Processor model *	i3-8100T
Processor frequency *	3.1 GHz
Processor cores	4
Bus type	DMI3
Configurable TDP-down frequency	2.4 GHz
CPU configuration (max)	1

Memory

Internal memory type	DDR4
Maximum RAM supported	32 GB
Memory slots	2
Internal memory *	16 GB
Memory form factor	SO-DIMM
Flash memory	5000 MB

Network

Ethernet LAN *	✓
Ethernet LAN data rates	1000 Mbit/s
DHCP server	✓

Performance

Type *	NAS
Device class *	Small & Medium Business
Backup function *	✓
Backup features	Cloud
Buzzer	✓
Noise level	23.8 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	250 W
Number of power supply units	1
Power consumption (typical)	45.6 W
Power consumption (sleep)	26.52 W
AC input voltage	100-240 V

Weight & dimensions

Width *	264.3 mm
Depth *	279.6 mm
Height *	188.2 mm
Weight	6.55 kg
Package weight	8.07 kg

Packaging content

Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Number of screws	56

Network

Wake-on-LAN ready	✔
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	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
HDMI ports quantity	1
HDMI version	2.0
Ethernet LAN (RJ-45) ports *	2
PCI Express x4 (Gen 3.x) slots	1
Audio in/out	✔

Design

Chassis type *	Tower
Cooling type *	Active
Product colour	Black
Number of fans	4 fan(s)
Fan diameter	9.2 cm
Fan diameter 2	6 cm
LED indicators	HDD, LAN, Status, USB
Built-in display	✔
Display type	LCD
Built-in speaker(s)	✔
Number of built-in speakers	1

Processor special features

Embedded options available	✔
Enhanced Intel SpeedStep Technology	✔
Execute Disable Bit	✔
Idle States	✔
Intel 64	✔
Intel Clear Video Technology	✔
Intel Enhanced Halt State	✔
Intel Identity Protection Technology version	1.00
Intel Secure Key Technology version	1.00
Intel Stable Image Platform Program (SIPP)	✘
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Trusted Execution Technology	✘
Intel TSX-NI	✘
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel VT-x with Extended Page Tables (EPT)	✔

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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