



QNAP QVP-85A NAS/storage server Tower Ethernet LAN Black i5-8400T



Brand : QNAP

Product code: QVP-85A

Product name : QVP-85A

Intel Core i5-8400T, 16 GB DDR4, 5 GB, 8x 3.5", 2x M.2, 2x PCIe, USB 3.2, HDMI, 188.2x329.3x279.6 mm

QNAP QVP-85A. 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™ i5, Processor manufacturer: Intel, Processor model: i5-8400T. 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		Performance	
Supported storage drive interfaces	M.2, Serial ATA II, Serial ATA III	Type *	NAS
Storage drive sizes supported	2.5,3.5"	Device class *	Small & Medium Business
Number of M.2 (M & B) slots	2	Backup function *	✓
RAID support *	✓	Backup features	Cloud
RAID levels	1, 5, 6, 10, JBOD	Buzzer	✓
Online RAID migration	✓	Noise level	24.2 dB
Online RAID expansion	✓	Web-based management	✓
Hot-swap drive bays	✓	Security algorithms	HTTPS, SSH
Supported file systems	ext4	Reset button	✓
Storage drives installed *	✗	On/off switch	✓
Number of storage drives supported *	8	System log	✓
Installed storage drive type *	✗	Hot spare	✓
Supported storage drive types *	HDD & SSD	S.M.A.R.T. support	✓
		USB copy function	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	QVR Pro OS (QVP)
Processor generation	8th gen Intel® Core™ i5		
Processor family *	Intel® Core™ i5	Power	
Processor model *	i5-8400T	Power supply location	Built-in
Processor frequency *	1.7 GHz	Power supply unit (PSU) capacity	250 W
Processor cores	6	Number of power supply units	1
Bus type	DMI3	Power consumption (typical)	65.03 W
Configurable TDP-down frequency	1.2 GHz	Power consumption (sleep)	41.47 W
CPU configuration (max)	1	AC input voltage	100-240 V
Conflict-Free processor	✓	Weight & dimensions	
Memory		Width *	329.3 mm
Internal memory type	DDR4	Depth *	279.6 mm
Maximum RAM supported	32 GB	Height *	188.2 mm
Memory slots	2	Weight	7.06 kg
Internal memory *	16 GB	Package weight	9.19 kg
Memory form factor	SO-DIMM	Packaging content	
Flash memory	5000 MB	Cables included	AC, LAN (RJ-45)
Network		Power cables quantity	1
Ethernet LAN *	✓	Number of screws	56
Ethernet LAN data rates	1000 Mbit/s		

Network		Processor special features	
DHCP server	✓	Embedded options available	✗
Wake-on-LAN ready	✓	Enhanced Intel SpeedStep Technology	✓
Supported network protocols	HTTP, HTTPS, TCP/IP, UDP, DHCP, Static IP, DNS, DDNS, UPnP, FTP, NTP, and SMTP	Execute Disable Bit	✓
Ports & interfaces		Idle States	✓
USB port *	✓	Intel 64	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Intel Clear Video Technology	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Intel Enhanced Halt State	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Intel Identity Protection Technology version	1.00
HDMI ports quantity	1	Intel Secure Key Technology version	1.00
HDMI version	2.0	Intel Stable Image Platform Program (SIPP)	✗
Ethernet LAN (RJ-45) ports *	2	Intel Stable Image Platform Program (SIPP) version	0.00
PCI Express x4 (Gen 3.x) slots	1	Intel Trusted Execution Technology	✗
Audio in/out	✓	Intel TSX-NI	✗
Design		Intel TSX-NI 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	Intel VT-x with Extended Page Tables (EPT)	✓
Number of fans	4 fan(s)	Operational conditions	
Fan diameter	12 cm	Operating temperature (T-T)	0 - 40 °C
Fan diameter 2	6 cm	Operating relative humidity (H-H)	5 - 95%
LED indicators	HDD, LAN, Status, USB	Logistics data	
Built-in display	✓	Harmonized System (HS) code	84714100
Display type	LCD		
Built-in speaker(s)	✓		
Number of built-in speakers	1		



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