



## QNAP TVS-882ST2 NAS Tower Intel® Core™ i5 i5-6442EQ 8 GB DDR4 16 TB HDD QNAP Turbo System Black

**Brand :** QNAP

**Product code:** TVS-882ST2-I5-8G/16TB-IWP

**Product name :** TVS-882ST2



8 x2.5" SSD/HDD, 16TB, 8GB DDR4, 2 x Thunderbolt 2, 10GbE

QNAP TVS-882ST2 NAS Tower Intel® Core™ i5 i5-6442EQ 8 GB DDR4 16 TB HDD QNAP Turbo System Black:

The TVS-882ST2 is powered by an Intel® 6th Generation Core™ i5 Quad-core processor with AES-NI hardware encryption and provides a Thunderbolt™ 2/NAS/iSCSI SAN triple solution. With Thunderbolt™ 2, 10GbE, USB 3.1 Type-C + Type-A 10Gbps, and 4K output it provides the performance and connectivity to empower small offices and studios to take their business to the next level. The software-based Thunderbolt-to-Ethernet (T2E) function also allows Thunderbolt-enabled computers to access Ethernet networks by connecting them to the TVS-882ST2.

QNAP TVS-882ST2. Type: NAS. Chassis type: Tower. Device class: Small & Medium Business. Processor family: Intel® Core™ i5, Processor model: i5-6442EQ, Processor frequency: 1.9 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 16 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System

Storage		Performance	
Storage drive capacity *	2 TB	Type *	NAS
Storage drive interface *	Serial ATA III	Device class *	Small & Medium Business
Supported storage drive interfaces	Serial ATA III	Backup function *	✓
Storage drive sizes supported	2.5"	Backup features	Cloud, USB drive, iSCSI LUN
RAID support *	✓	Multilingual support	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Noise level	15.2 dB
Online RAID migration	✓	Third-party support	✓
Online RAID expansion	✓	Built-in optical drive	✗
Hot-swap drive bays	✓	Video input channels	72 channels
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Card reader integrated	✗
Storage drives installed *	✓	Snapshot	✓
Total installed storage capacity *	16 TB	Management protocols	SNMP v2/3
Number of storage drives installed *	8	Web-based management	✓
Number of storage drives supported *	8	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Installed storage drive type *	HDD	Access Control List (ACL)	✓
Supported storage drive types *	HDD & SSD	Reset button	✓
Bad block scan	✓	On/off switch	✓
Disk roaming	✓	Built-in UPnP AV media server	✓
Processor		Built-in iTunes server	✓
Processor manufacturer *	Intel	Built-in FTP server	✓
Processor generation	6th gen Intel® Core™ i5	Browser supported	Microsoft Internet Explorer 10+, Google Chrome, Apple Safari 7+, Mozilla Firefox
Processor family *	Intel® Core™ i5	System log	✓
Processor model *	i5-6442EQ	Password authentication	✓
Processor frequency *	1.9 GHz	S.M.A.R.T. support	✓
Processor boost frequency	2.7 GHz	Remotely operated	✓
Processor cores	4	Backup button	✓
Processor threads	4	Universal Plug and Play (UPnP)	✓
Processor cache	6 MB	USB copy function	✓
Bus type	DMI3	Software	
CPU configuration (max)	1	Operating system installed *	QNAP Turbo System
ECC supported by processor	✗	Operating system version	4.3
PCI Express configurations	1x16, 1x8+2x4, 2x8		
PCI Express slots version	3.0		
Processor cache type	Smart Cache		

Processor		Software	
Processor code	SR2DY	Windows operating systems supported	✓
Processor codename	Skylake	Linux operating systems supported	✓
Processor lithography	14 nm	Mac operating systems supported	✓
Processor operating modes	64-bit	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Processor package size	42 x 28 mm		
Processor series	Intel Core i5-6400 Mobile series		
Processor socket	BGA 1440		
Stepping	R0		
System bus rate	8 GT/s	Power	
Tcase	100 °C	Power supply location	Built-in
Tjunction	100 °C	Power supply unit (PSU) capacity	250 W
Thermal Design Power (TDP)	25 W	Number of power supply units	1
On-board graphics card model	Intel® HD Graphics 530	Redundant power supply (RPS) support	✗
Maximum internal memory supported by processor	64 GB	AC input voltage	100 - 240 V
Memory bandwidth supported by processor (max)	34.1 GB/s	AC input frequency	50 / 60 Hz
Conflict-Free processor	✓	Fan voltage	12 V
Memory		Weight & dimensions	
Internal memory *	8 GB	Width *	180 mm
Internal memory type	DDR4	Depth *	235 mm
Maximum RAM supported	32 GB	Height *	177 mm
Memory slots	2	Weight	3.97 kg
Memory form factor	SO-DIMM	Packaging content	
Flash memory	512 MB	Cables included	AC, LAN (RJ-45)
Network		Quick installation guide	✓
Ethernet LAN *	✓	Number of screws	32
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	Remote control included	✓
Ethernet LAN data rate supported (max)	10000 Mbit/s	Processor special features	
Copper ethernet cabling technology	10BASE-T, 10GBASE-T, 100BASE-TX, 1000BASE-T	Embedded options available	✓
DHCP client	✓	Enhanced Intel SpeedStep Technology	✓
DHCP server	✓	Execute Disable Bit	✓
Jumbo frames support	✓	Graphics & IMC lithography	14 nm
iSCSI support	✓	Idle States	✓
Wake-on-LAN ready	✓	Intel 64	✓
Dynamic DNS (DDNS)	✓	Intel Clear Video Technology	✓
WLAN adapter supported	✓	Intel Enhanced Halt State	✓
Ports & interfaces		Intel HD Graphics	✓
USB port *	✓	Intel Identity Protection Technology version	1.00
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2	Intel Secure Key Technology version	1.00
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Intel Trusted Execution Technology	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Intel TSX-NI	✓
HDMI ports quantity	1	Intel TSX-NI version	1.00
Ethernet LAN (RJ-45) ports *	4	Intel Virtualization Technology (VT-x)	✓
Thunderbolt 2 ports quantity	2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
3.5 mm (1/8-inch) out	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Microphone in	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express x4 (Gen 3.x) slots	1	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express x8 (Gen 3.x) slots	1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Graphics		Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card base frequency	350 MHz	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card dynamic frequency (max)	1000 MHz		

Graphics		Processor special features	
On-board graphics card DirectX version	12.0	Intel® Insider™	✓
On-board graphics card OpenGL version	4.4	Intel® InTru™ 3D Technology	✓
On-board graphics card ID	0x191B	Intel® OS Guard	✓
Maximum on-board graphics card memory	64 GB	Intel® Quick Sync Video Technology	✓
Number of displays supported (on-board graphics)	3	Intel® Secure Key	✓
Design		Intel® Turbo Boost Technology	2.0
		Intel® Wireless Display (Intel® WiDi)	✓
		Maximum number of PCI Express lanes	16
		Thermal Monitoring Technologies	✓
		Memory channels supported by processor	Dual
		Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM, LPDDR3-SDRAM
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Other features	
Chassis type *	Tower	Digital Living Network Alliance (DLNA) certified	✓
Cooling type *	Active	Processor ARK ID	90617
Product colour	Black		
Number of fans	1 fan(s)		
Fan diameter	12 cm		
Drive bay locking	✗		
LED indicators	✓		
Built-in display	✓		
Display type	LCD		
Cable lock slot	✓		
Cable lock slot type	Kensington		
Built-in speaker(s)	✗		

## Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.