ComX Computers
Product Specification Sheet

TS-669L

QNAP Turbo NAS server



Specifications

Overview:

Modern businesses and workgroups face the challenge of finding a robust storage solution that can scale with the exponential increase in digital content their organization creates. From shared documents, old archived files and large rich media files, through to enterprise databases and core applications data, this challenge will only become more acute. Deploying an appropriate IT environment with a reliable, affordable, and expandable storage solution is business critical.

The ability to securely store, share, and back up digital assets has become one of the most important tasks for an SMB IT administrator, choosing the right option will significantly enhance business productivity and crucially offer a reliable disaster recovery solution in an age when downtime of any nature impacts profitability.

The QNAP TS-669L is a 6-bay, all-in-one NAS server with exceptional performance that can meet the storage requirements of modern SMB IT environments. Features include, secure cross-platform file sharing for Windows, Mac, and Linux/UNIX users, an iSCSI/ IP-SAN storage combo solution and a number of versatile, value-added business applications. With a well-rounded set of backup solutions integrated in the QNAP TS-669L, critical business information can be safely protected against unexpected data loss. The QNAP TS-669L is also an ideal shared storage solution for virtualized and clustered environments.

Specifications:

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Specifications	
Product Code	TS-669L
General	
Width	25.7 cm
Depth	23.5 cm
Height	17.5 cm
Weight	4.75 kg
Device Type	NAS server

Built-in Devices	Led panel
Installed Devices / Modules Qty	0 (installed) / 6 (max)
Max Supported Capacity	24 TB
Total Storage Capacity	0 GB
Host Connectivity	Gigabit Ethernet
Expansion / Connectivity	
Interfaces	2 x eSATA
	5 x USB 2.0 - Type A
	2 x Ethernet 1000Base-T - RJ-45
	2 x USB 3.0 - Type A
	1 x VGA - HD-15
	1 x HDMI output
Expansion Bays	6 (total) / 6 (free) x hot-swap - 2.5" / 3.5"
Expansion Slots	2 (total) / 1 (free) x SO DIMM 204-pin
Networking	
Type	Network adapter - integrated
Features	VPN support, trunking, load balancing, LDAP support, VLAN support, wake on LAN (WOL), Syslog support, E-mail alert, print server, IPv6 support, antivirus analysis, IP address filtering, 256-bit encryption, firmware upgradable, proxy server, MySQL server, web server, backup server, download client, file sharing, Trivial File Transfer Protocol (TFTP) support, RADIUS support, iTunes server, Jumbo Frames support, DHCP server, FTP server, SMS alert, UPnP Media Server, Network Access Protection (NAP), IPv4 support, surveillance station, teaming support, Apple Time Machine compatible, Link Aggregation Control Protocol (LACP), TFTP server, DHCP client, e-mail notification, cloud backup, VPN Server
Data Link Protocol	Gigabit Ethernet
Network / Transport Protocol	TCP / IP, iSCSI, SMTP, FTP, DHCP, Bonjour, SMB, DDNS
Compliant Standards	IEEE 802.3ad (LACP), UPnP
Remote Management Protocol	SNMP 2, SNMP, Telnet, SNMP 3, HTTP, HTTPS, SSH
Encryption Algorithm	SSL, TLS, FIPS 140-2, 256-bit AES
Network Services Compatibility	Microsoft Active Directory (AD), File Level Security (ACLs), DHCP, Microsoft CIFS, Network File System (NFS), FTP, FTPS, Server Message Block (SMB), Apple File Protocol (AFP), HTTP, HTTPS, Web-based Distributed Authoring and Versioning (WebDAV)
Miscellaneous	
Features	Audible alarm, K-lock security slot, built-in 2 cooling fans
Cables Included	2 x network cable
Power	
Power Device	X internal power supply
Voltage Required	AC 120 / 230 V (50 / 60 Hz)
Power Consumption Operational	63.6 Watt
Power Provided	250 Watt

Software / System Requirements	
Software Included	Drivers & Utilities
OS Required	UNIX, Linux, Apple MacOS X, Microsoft Windows Server 2003, Microsoft Windows Server 2008 R2, Microsoft Windows Vista (32 / 64 bits), Microsoft Windows 7 (32 / 64 bits), Microsoft Windows XP (32 / 64 bits)
Storage Operating System	Linux
Environmental Parameters	
Sound Emission	35.7 dB
Min Operating Temperature	0 degreesC
Max Operating Temperature	40 degreesC
Humidity Range Operating	0 - 95%
Storage Controller	
Type	RAID
Interface Type	SATA-300 / eSATA
Data Transfer Rate	300 MBps
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, JBOD, RAID 5 hot spare, RAID 6 hot spare, RAID 10 hot spare
Hard Drive	
Type	HDD - hot-swap - 2.5" / 3.5" shared
Processor / Memory	
Processors Installed	1 x Intel Atom 2.13 GHz
RAM Installed	1 GB (installed) / 3 GB (supported) - DDR3
Flash Memory Installed	512 MB
Number of Cores	Dual-Core

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/TS-669L-QNAP-Turbo-NAS-server-p-84461.php

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