

QNAP TS-231P3 - NAS server - 2 bays

SATA 6Gb/s - RAID 0 - 1 - JBOD - RAM 4 GB - Gigabit Ethernet - iSCSI support

Group	Storage
Manufacturer	QNAP
Manufacturer item no.	TS-231P3-4G
EAN/UPC	4713213516898



Description

The TS-231P3 features a 2.5GbE RJ45 port, providing up to 2.5 times the speed of regular Gigabit Ethernet and enabling smoother multimedia playback and everyday usage. The TS-231P3 ensures data security by supporting AES 256-bit encryption and various local/remote/cloud backup options - including snapshot protection that allows for files and data to be reverted to previously-recorded states if they are accidentally deleted, modified or affected by malware.

Main features

Product Description	QNAP TS-231P3 - NAS server
Device Type	NAS server
Host Connectivity	Gigabit Ethernet
Installed Devices / Modules Qty	0 (installed) / 2 (max)
Dimensions (WxDxH)	10.2 cm x 21.9 cm x 16.9 cm
Weight	)
Processor	1 x Annapurna Labs Alpine AL-314 1.7 GHz (Quad-Core)
Storage Controller	RAID SATA 6Gb/s RAID 0, 1, JBOD
Networking	10Mb LAN, 100Mb LAN, GigE
RAM	4 GB
Power	AC 120/230 V
Storage Operating System	QNAP QTS 4.2
System Requirements	UNIX, Linux, Apple MacOS X, Microsoft Windows Server 2003, Microsoft Windows Server 2008 R2, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows 7 / 8 / 10 (32/64 bits)

Extended details

General	
Device Type	NAS server
Host Connectivity	Gigabit Ethernet
Total Storage Capacity	0 GB
Installed Devices / Modules Qty	0 (installed) / 2 (max)
Width	10.2 cm
Depth	21.9 cm

Height	16.9 cm
Weight	)
Built-in Devices	Status LCD, led panel
Processor / Memory	
Processors Installed	1 x Annapurna Labs Alpine AL-314 1.7 GHz
Number of Cores	Quad-Core
Max Supported Qty	1
RAM	4 GB (installed) / 8 GB (supported) - DDR3
Flash Memory Installed	512 MB
Storage Controller	
Type	RAID
Interface Type	SATA 6Gb/s
RAID Level	RAID 0, RAID 1, JBOD
Networking	
Data Link Protocol	10Mb LAN, 100Mb LAN, GigE
Network / Transport Protocol	TCP/IP, PPTP, L2TP, IPSec, iSCSI, SMTP, FTP, DHCP, Bonjour, SMB, DDNS, SFTP
Remote Management Protocol	SNMP, Telnet, HTTP, HTTPS, TFTP, SSH
Network Services Compatibility	Microsoft Active Directory (AD), Apple Bonjour Protocol, File Level Security (ACLs), DHCP, DDNS, 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), SFTP
Features	Trunking, LDAP support, wake on LAN (WOL), Syslog support, manageable, E-mail alert, print server, IPv6 support, 256-bit encryption, proxy server, web server, backup server, download client, event log, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, SSH support, iTunes server, Jumbo Frames support, DHCP server, FTP server, SMS alert, BitTorrent Client, reset button, bandwidth control, IPv4 support, surveillance station, teaming support, DLNA Media Server, Apple Time Machine compatible, DHCP client, cloud backup, VPN Server, SFTP client, SNMP support, Apple AirPlay, Dropbox support, Wi-Fi USB dongle support, Real-time Remote Replication (RTRR), Google Drive support, Amazon Cloud Drive support, Yandex Disk support, Microsoft OneDrive support
Encryption Algorithm	SSL, TLS, 256-bit AES
Compliant Standards	UPnP
Expansion / Connectivity	
Expansion Bays	2 (total) / 2 (free) x hot-swap - 2.5" / 3.5"
Interfaces	2 x Ethernet 1000Base-T - RJ-45 3 x USB 3.0 - Type A
Miscellaneous	
Cables Included	1 x network cable
Features	Security lock slot (cable lock sold separately), audible alarm, built-in cooling fan, hardware encryption, scheduled power on/off
Security Slot Type	Kensington security slot
Compliant Standards	AES-256
Included Accessories	12 x flat head screws (for 2.5" HDD), 16 x flat head screws (for 3.5" HDD), power cable

Power	
Power Device	External power adapter
Voltage Required	AC 120/230 V
Power Consumption Operational	15.6 Watt
Power Provided	65 Watt
Software / System Requirements	
Storage Operating System	QNAP QTS 4.2
OS Required	UNIX, Linux, Apple MacOS X, Microsoft Windows Server 2003, Microsoft Windows Server 2008 R2, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows 7 / 8 / 10 (32/64 bits)
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	5 - 95% (non-condensing)
Sound Emission	19.5 dBA

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