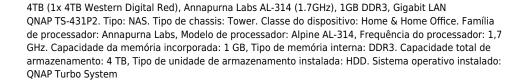
QNAP

QNAP TS-431P2 NAS Tower Annapurna Labs Alpine AL-314 1 GB DDR3 4 TB HDD QNAP Turbo System Cinzento, Branco

Marca : QNAP Código do produto: TS-431P2-1G_WD40EFRX

Nome do produto: TS-431P2







Storage		Design	
Storage drive capacity *	4 TB	LED indicators	HDD, LAN, Status, USB
Storage drive interface *	Serial ATA III	Cable lock slot	✓
Supported storage drive interfaces	Serial ATA II, Serial ATA III 3.5" 2.5,3.5"	Performance	
Storage drive size		Type *	NAS
Storage drive sizes supported		Device class *	Home & Home Office
RAID support *		Backup function *	✓
RAID levels	0, 1, 5+S, 5, 6, 10, JBOD	Backup features	Cloud, USB drive, iSCSI LUN
Online RAID migration	✓	Buzzer	✓
Online RAID expansion	<i>y</i>	Multilingual support	√
Hot-swap drive bays		Number of users	4096 user(s)
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Noise level	19.5 dB
Storage drives installed *	✓	Snapshot	✓
Total installed storage capacity *	4 TB	Management protocols	SNMP
Number of storage drives supported		Web-based management	✓
Number of storage drives supported *	•	Share folder access right management	✓
Installed storage drive type * Supported storage drive types *	HDD & SSD	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH
Bad block scan	√ × 550	Access Control List (ACL)	✓
	•	Reset button	✓
Processor		On/off switch	✓
Processor family *	Annapurna Labs	Built-in iTunes server	✓
Processor model *	Alpine AL-314	Built-in FTP server	✓
Processor frequency * Processor cores Processor architecture	1.7 GHz 4 ARM Cortex-A15	Browser supported	Microsoft Internet Explorer 10+, Mozilla Firefox 8+, Apple Safari 4+, Google Chrome
Memory		System log	✓
Internal memory *	1 GB	Hot spare	✓
Internal memory type	DDR3	S.M.A.R.T. support	✓
Memory clock speed	1600 MHz	Share folder	512
Maximum RAM supported	8 GB	Backup button	✓
Memory slots	1 SO-DIMM	USB copy function	✓
Memory form factor SO-DIM Flash memory 512 MB		Software	
	J12 MD	Operating system installed *	QNAP Turbo System
		Operating system version	4.3

Network		Software	
Ethernet LAN * Ethernet LAN data rates Wi-Fi DHCP client DHCP server Jumbo frames support iSCSI support Wake-on-LAN ready Supported network protocols Link aggregation Dynamic DNS (DDNS) WLAN adapter supported Ports & interfaces	10,100,1000 Mbit/s X CIFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, SMSC V	Windows operating systems supported	Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 Pro, Windows 10 Pro x64, Windows 10 Pro, Windows 7 Enterprise, Windows 7 Enterprise, Windows 7 Enterprise, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 x64, Windows 8, Windows 8 Enterprise, Windows 8 Pro, Windows 8 Pro x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64
USB port *	X	Linux operating systems supported	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity Ethernet LAN (RJ-45) ports *	3 2	Mac operating systems supported	Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
Design Chassis type *	Tower	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Cooling type * Product colour Number of fans Fan diameter	Active Grey, White 1 fan(s) 12 cm	Power Power supply location	External
		Power supply unit (PSU) capacity Number of power supply units Power consumption (typical) Power consumption (sleep) AC input voltage Fan voltage	90 W 1 23.72 W 10.62 W 100 - 240 V 12 V
		Weight & dimensions	
		Width * Depth * Height * Weight Package weight	160 mm 219 mm 169 mm 3 kg 4.3 kg
		Packaging content	
		External power adapter Cables included Quick installation guide	✓ AC, LAN (RJ-45) ✓
		Operational conditions	
		Operating temperature (T-T) Operating relative humidity (H-H)	0 - 40 °C 5 - 95%

