



TerraMaster F4-424 PRO NAS/storage server Desktop Intel® Core™ i3 i3-N305 32 GB DDR5 Black



Brand : TerraMaster

Product code: F4-424 PRO

Product name : F4-424 PRO

Intel Core i3-N305, Max burst up to 3.8 GHz, 32 GB DDR5, 4 x 3.5"/2.5" SATA HDD/SSD, 222 x 179 x 154 mm, 3.4 kg

TerraMaster F4-424 PRO. Type: NAS. Chassis type: Desktop. Device class: Home & Home Office.

Processor family: Intel® Core™ i3, Processor model: i3-N305. Internal memory: 32 GB, Internal memory type: DDR5

Storage		Performance	
Supported storage drive interfaces	Serial ATA	Backup function *	✓
Storage drive sizes supported	2.5,3.5"	Backup features	Cloud, USB drive
Maximum supported storage capacity	88 TB	Multilingual support	✓
RAID support *	✓	Number of users	2048 user(s)
RAID levels	0, 1, 5, 6, 10, JBOD	Noise level	21 dB
Online RAID migration	✓	Third-party support	✓
Hot-swap drive bays	✓	Snapshot	✓
Supported file systems	BTRFS, FAT32, HFS+, NTFS, ext3, ext4	Management protocols	SNMP
Storage drives installed *	✗	Security algorithms	AES, HTTPS, SNMP, SSH
Number of storage drives supported *	4	Access Control List (ACL)	✓
Installed storage drive type *	✗	On/off switch	✓
Supported storage drive types *	HDD & SSD	Browser supported	Google Chrome, Mozilla Firefox, Apple Safari, Microsoft Edge
Processor		System log	✓
Processor manufacturer *	Intel	Hot spare	✓
Processor family *	Intel® Core™ i3	S.M.A.R.T. support	✓
Processor model *	i3-N305	Share folder	512
Processor boost frequency	3.8 GHz	Universal Plug and Play (UPnP)	✓
Processor cores	8	Software	
Processor threads	8	Windows operating systems supported	✓
Processor cache	6 MB	Linux operating systems supported	✓
Processor cache type	Smart Cache	Mac operating systems supported	✓
Memory		Other operating systems supported	Android, iOS
Internal memory *	32 GB	Power	
Internal memory type	DDR5	Power supply unit (PSU) capacity	90 W
Maximum RAM supported	32 GB	Power consumption (typical)	33 W
Memory slots	1	AC input voltage	100 - 240 V
Memory form factor	SO-DIMM	AC input frequency	50 - 60 Hz
ECC	✗	Weight & dimensions	
Network		Width *	179 mm
Ethernet LAN *	✓	Depth *	154 mm
Ethernet LAN data rates	1000,2500 Mbit/s	Height *	222 mm
iSCSI support	✓	Weight	3.4 kg
Wake-on-LAN ready	✓	Package width	275 mm
Supported network protocols	CIFS/SMB, NFS, FTP, SFTP, HTTPS, SSH, iSCSI, SNMP	Package depth	186 mm
Link aggregation	✓	Package height	300 mm
Dynamic DNS (DDNS)	✓	Packaging content	
		External power adapter	✓
		Cables included	AC, LAN (RJ-45)

Ports & interfaces		Packaging content	
USB port *	✓	Quick installation guide	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Sustainability	
HDMI ports quantity	1	Sustainability compliance	✓
HDMI version	2.0b	Operational conditions	
Ethernet LAN (RJ-45) ports *	2	Operating temperature (T-T)	0 - 40 °C
Concurrent connections	512	Operating relative humidity (H-H)	5 - 95%
Design		Storage temperature (T-T)	-20 - 60 °C
Chassis type *	Desktop	Other features	
Cooling type *	Active	Digital Living Network Alliance (DLNA) certified	✓
Product colour	Black	Warranty period	2 year(s)
Number of fans	1 fan(s)	Compliance certificates	CCC, CE, Federal Communications Commission (FCC), KC, RoHS, WEEE
Fan diameter	12 cm	Certification	FCC, CE, CCC, KC
Performance			
Type *	NAS		
Device class *	Home & Home Office		



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