



Buffalo TeraStation TS5420RN NAS Rack (1U) Annapurna Labs 8 GB DDR4 16 TB HDD Black

Brand : Buffalo

Product family: TeraStation

Product code: TS5420RN8004

Product name : TS5420RN



80TB TeraStation 5020

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High-Performance, High-Security Storage Solution - Hard Drives Included

The TeraStation 5020 is Buffalo's business-class network attached storage (NAS) product purpose-built as a secure, high-performance storage solution optimized for high workloads. Available in high-capacity, fully- and partially populated rackmount form factors, the TS5020 is an evolution of Buffalo's acclaimed TeraStation 5010 and 6000 Series devices, offering advanced productivity and security features such as snapshot technology for near-instantaneous data backup and recovery, VMware and Hyper-V certifications for virtualization solutions, the cutting-edge Btrfs file system for smoother high-load data operations, and robust data backup and security options. The TS5020 is optimized for advanced data storage and file server operations so you can store your data with peace of mind.



Storage		Ports & interfaces	
Storage drive capacity *	20 GB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
RAID support *	✓	Ethernet LAN (RJ-45) ports *	3
RAID levels	0, 1, 5, 6, 10, JBOD	Design	
Hot-swap drive bays	✓	Chassis type *	Rack (1U)
Storage drives installed *	✓	Cooling type *	Active
Total installed storage capacity *	16 TB	Product colour	Black
Number of storage drives installed *	4	Performance	
Number of storage drives supported *	4	Type *	NAS
Installed storage drive type *	HDD	Backup function *	✓
Supported storage drive types *	HDD	Backup features	iSCSI LUN
Processor		Snapshot	✓
Processor manufacturer *	Annapurna Labs	Software	
Processor family *	Annapurna Labs	Windows operating systems supported	✓
Processor frequency *	2.04 GHz	Mac operating systems supported	✓
Processor cores	4	Power	
Memory		Power consumption (max)	100 W
Internal memory *	8 GB	AC input voltage	100 - 240 V
Internal memory type	DDR4	AC input frequency	50 - 60 Hz
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	430 mm
Ethernet LAN data rates	1000,10000 Mbit/s	Depth *	430 mm
Ethernet LAN data rate supported (max)	10000 Mbit/s	Height *	44.2 mm
iSCSI support	✓	Weight	8.48 kg
Supported network protocols	TCP/IP	Package width	309.9 mm
Data link protocols	CIFS/SMB, AFP, FTP/FTPS/SFTP, NFS	Package depth	358.1 mm

Ports & interfaces		Weight & dimensions	
USB port *	✓	Package height	363.2 mm
USB 2.0 ports quantity	2	Package weight	12.3 kg
Operational conditions			
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	10 - 85%



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