

QNAP

Start Small. Scale Big.

A compact 4-bay NAS built for multitasking, media, backup & virtualization — and ready to scale when you need more.

TS-464

For Office

ZFS-Grade Data Protection

Protect your data from ransomware with Immutable Storage (WORM). Use Snapshots to instantly recover from attacks or deletion.
*Users must select QuTS hero OS during setup.

Multitasking & 10GbE Scalability

Quad-core power for multitasking. Add a 10GbE card to achieve ultra-fast speeds up to 1,647 MB/s.

Virtualization & Containers

Run Windows®/Linux® VMs and Docker® containers directly to consolidate IT infrastructure and reduce hardware costs.

Comprehensive Backup

Centrally back up PCs, servers, Google™ Workspace and Microsoft 365® into one secure hub for total multi-platform protection.

For Home

Your Own Cloud

Automatically backup mobile photos via Qfile Pro mobile app. Build a secure private cloud while freeing up phone space.

Dual 2.5GbE Performance

Two 2.5GbE ports maximize network performance for high-speed transfers, streaming, and lag-free multitasking.

AI Photo Album

QuMagie automatically categorizes photos by faces, things and locations, making your memories easy to find and share.

4K Media Center

Experience 4K HDMI™ playback and smooth mobile streaming with real-time GPU transcoding for your entire library.

Awards and Reviews



Key Specifications

TS-464			
CPU	Intel® Celeron® N5095, 4-core/4-thread, burst up to 2.9 GHz	Memory	8 GB SODIMM DDR4
Drive Bays	4 x 3.5-inch SATA 6Gb/s	Hot-swappable	Yes (Not supported M.2 SSD)
M.2 Slots	2 x M.2 2280 PCIe Gen 3 x1	LAN	2 x 2.5GbE RJ45 (2.5G/1G/100M/10M)
PCIe	1 x PCIe Gen 3 x2	USB	2 x USB 3.2 Gen 2 (10 Gbps) + 2 x USB 2.0
HDMI™ Output	1 x HDMI™ 2.1 (up to 4096 x 2160 @ 60Hz)	Encryption Engine	Intel® AES-NI (hardware-accelerated)
Dimensions (HxWxD)	165 x 170 x 226.5 mm	Operating Temperature	0 - 40 °C (32°F - 104°F)

Explore Key Spec



A Leading Computing, Networking, and Storage Solution Innovator

For over 20 years, QNAP has been a leading NAS storage vendor in the industry. Driven by the mission to deliver trusted solutions across every layer of data protection, QNAP goes beyond storage to integrate networking, surveillance, cloud, and security. Through responsible product development, QNAP has proved itself as a comprehensive infrastructure solution provider that organizations can rely on.



NAS

An award-winning, versatile NAS lineup powered by QuTS hero / QTS operating system, featuring comprehensive security to safeguard your most critical data.



Networking Switch

Comprehensive 2.5GbE to 100GbE solutions from the edge to the core. Empower your infrastructure with ultra-fast speeds, robust reliability, and simplified network management.



Surveillance System

Intelligent, stand-alone surveillance with 8,000+ camera compatibility. Scalable storage ensures long-term archiving and regulatory compliance for mission-critical video.

Solutions



Edge AI Storage Server

Lower the barrier to private AI. A high-performance engine for on-premises LLM, RAG, and Agentic workflows. Transform sensitive data into secure insights with predictable costs and no cloud-dependency.



Support All Workloads

Host diverse workloads including backup, file services (file, object, and block), and virtualization storage for VMware® and Hyper-V®. Run VMs or containers directly on-device and build hybrid cloud environments with support for 20+ cloud providers.



Mission-Critical Applications

Ensure business continuity with High-Availability (HA) support across NAS, switches, and VMs, providing a resilient foundation for your most vital operations.



Ransomware-Resilience

Comprehensive cyber security and data safety featuring data immutability, Air-gap backup, SD-WAN, and NDR technology to protect your digital assets from evolving threats.

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