

**TBS-464-8G**

CPU	Intel® Celeron® N5105 4-core/4-thread processor, burst up to 2.9 GHz
CPU Architecture	64-bit x86
Graphic Processors	Intel® UHD Graphics
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	8 GB DDR4, not expandable
Maximum Memory	8 GB DDR4, not expandable
Flash Memory	4GB (Dual boot OS protection)
M.2 Slot	4 x M.2 2280 NVMe Gen3 x2 slots The system is shipped without SSD. For the SSD compatibility list, please visit https://www.qnap.com/compatibility/
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M/10M)
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
USB 2.0 port	3
USB 3.2 Gen 1 port	2
IR Sensor	Yes (RM-IR004)
HDMI™ Output	2, HDMI™ (up to 2.0 resolution 3840 x 2160 @ 60Hz)
Form Factor	Set-top design
LED Indicators	SSD1-4

Buttons	Power, Reset, Copy
Dimensions (HxWxD)	30 x 230 x 165 mm
Weight (Net)	1.4 kg
Weight (Gross)	1.7 kg
Operating Temperature	0 - 40 °C (32°F - 104°F)
Storage Temperature	-20 - 70°C (-4°F - 158°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	65W adapter (12VDC), 100-240VAC
Power Consumption: Disk Standby Mode	18
Power Consumption: Operating Mode, Typical	28 W Tested with drives fully populated.
Fan	1 x system fan
System Warning	Buzzer
Kensington Security Slot	Yes
Standard Warranty	2
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	1500

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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