



TS-462-4G	
CPU	Intel® Celeron® N4505 2-core/2-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	4 GB RAM
Maximum Memory	4 GB
Flash Memory	4GB (Dual boot OS protection)
Drive Bay	4 x 3.5-inch SATA 6Gb/s
	The system is shipped without HDD. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/
Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
M.2 Slot	2 x M.2 2280 PCIe Gen 3 x1
	Compatible with NVMe SSD PCIe Gen 3 and above. Please refer to https://www.qnap.com/compatibility/ for compatibility.
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	1 (2.5G/1G/100M/10M)
5 Gigabit Ethernet Port (5G/2.5G/1G/100M)	Optional via PCIe expansion card
10 Gigabit Ethernet Port	Optional via PCIe expansion card
Wake on LAN (WOL)	Yes

PCIe Slot Slot 1: PCIe Gen 3 x 2 Card dimensions for PCIe slot : 190 x 68.9x 18.76 mm / 7.48 x 2.71 x 0.74 inches. USB 2.2 port 2 USB 3.2 Gen 2 (10Gbps) Pote Slot 2 x Type-A IR Sensor Yes (Optional QNAP RM-IR004 remote control) HDMI™ Output 1, HDMI™ 2.1 (up to 4096 x 2160 @ 60Hz) Form Factor Tower LED Indicators Power/Status, LAN, USB, HDD1-4 Buttons Power, USB copy, Reset Dimensions (hxWxD) 165 x 170 x 226.5 mm Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model) Weight (Gross) 3.52 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 Consumption: HDD 20.33 W Sleep Mode 32.4 W Power Consumption: Operating Mode, Typical 32.4 W Power Consumption: Operating Mode, Typical 32.4 W Reside with drives fully populated. Fan 1 x 120mm, 12VDC System Warning Buzzer Kensington Security Slot Yes Standard Warranty 2 Max. Number of Concurrent Connections (CIFS) - with Max. Memory) 1500	Jumbo Frame	Yes
USB 2.0 port 2 USB 3.2 Gen 2 (10Gbps) 2×Type-A Port IR Sensor Yes (Optional QNAP RM-IR004 remote control) HDMI™ Output 1, HDMI™ 2.1 (up to 4096 x 2160 @ 60Hz) Form Factor Tower LED Indicators Power/Status, LAN, USB, HDD1-4 Buttons Power, USB copy, Reset Dimensions (HxWxD) 165 x 170 x 226.5 mm Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model) Weight (Net) 2.88 kg Weight (Gross) 3.52 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 Consumption: HDD Sleep Mode Power Consumption: Operating Mode, Typical Fan 1 x 120mm, 12VDC System Warning Buzzer Kensington Security Slot Ves Standard Warranty 2 Max. Number of Concurrent Connections Tower Yes (Optional QNAP RM-IR004 remote control) HDMI™ 2.1 (up to 4096 x 2160 @ 60Hz) Texted with drives fully populated.	PCIe Slot	
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HDMI™ Output 1, HDMI™ 2.1 (up to 4096 x 2160 @ 60Hz) Form Factor Tower LED Indicators Power, USB copy, Reset Dimensions (HxWxD) 165 x 170 x 226.5 mm		2 x Type-A
Form Factor Tower LED Indicators Power/Status, LAN, USB, HDD1-4 Buttons Power, USB copy, Reset Dimensions (HxWxD) 165 × 170 × 226.5 mm	IR Sensor	Yes (Optional QNAP RM-IR004 remote control)
Buttons Power, USB copy, Reset Dimensions (HxWxD) 165 × 170 × 226.5 mm Dimensions depending on model) Weight (Net) 2.88 kg Weight (Gross) 3.52 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 90W adapter, 100-240V Power Consumption: HDD Sleep Mode Power Consumption: Operating Mode, Typical Fan 1x 120mm, 12VDC System Warning Buzzer Kensington Security Slot Yes Standard Warranty 2 Max. Number of Concurrent Connections	HDMI™ Output	1, HDMI™ 2.1 (up to 4096 x 2160 @ 60Hz)
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Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model) Weight (Net) 2.88 kg Weight (Gross) 3.52 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 90W adapter, 100-240V Power Consumption: HDD Sleep Mode Power Consumption: Operating Mode, Typical 1 x 120mm, 12VDC System Warning Buzzer Kensington Security Slot Yes Standard Warranty 2 Max. Number of Concurrent Connections	Buttons	Power, USB copy, Reset
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Weight (Gross) 3.52 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 90W adapter, 100-240V Power Consumption: HDD Sleep Mode Power Consumption: Operating Mode, Typical 1 x 120mm, 12VDC System Warning Buzzer Kensington Security Slot Yes Standard Warranty 2 Max. Number of Concurrent Connections		
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Sleep Mode Power Consumption: Operating Mode, Typical Tested with drives fully populated. Fan 1 x 120mm, 12VDC System Warning Buzzer Kensington Security Slot Yes Standard Warranty 2 Max. Number of Concurrent Connections	Power Supply Unit	90W adapter, 100-240V
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Tested with drives fully populated. Fan 1 x 120mm, 12VDC System Warning Buzzer Kensington Security Slot Yes Standard Warranty 2 Max. Number of Concurrent Connections		32.4 W
System Warning Buzzer Kensington Security Slot Yes Standard Warranty 2 Max. Number of Concurrent Connections 1500	Operating Mode, Typical	Tested with drives fully populated.
Kensington Security Slot Yes Standard Warranty 2 Max. Number of Concurrent Connections 1500	Fan	1 x 120mm, 12VDC
Standard Warranty 2 Max. Number of Concurrent Connections 1500	System Warning	Buzzer
Max. Number of 1500 Concurrent Connections	Kensington Security Slot	Yes
Concurrent Connections	Standard Warranty	2
	Concurrent Connections	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.

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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