



QBoat-300	
CPU	Industrial-grade wide-temperature ARM 4-core Cortex-A55, up to 1.8GHz
CPU Architecture	64-bit ARM
Graphic Processors	Mali-G52
Encryption Engine	Yes
Hardware-accelerated Transcoding	Yes
Neural Processing Unit (NPU)	Yes
System Memory	4 GB on board (non-expandable) Note: Reserves some RAM for use as shared graphics memory.
Maximum Memory	4 GB on board (non-expandable)
Flash Memory	4 GB (Dual boot OS protection)
M.2 Slot	3x M.2 22110/2280 PCIe slots M.2 NVMe SSDs (2x PCIe 3.0 x1, 1x PCIe 2.0 x1)
Gigabit Ethernet Port (RJ45)	2
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
USB 3.2 Gen 1 port	2
Form Factor	DIN-rail NAS
LCD Display/ Button	LCD
Buttons	Power, Reset

Dimensions (HxWxD)	184 × 40 × 132 mm
	Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)
Weight (Net)	0.87 kg
Weight (Gross)	1.7 kg
Operating Temperature	-20 - 70°C (-4°F - 158°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	Minimum 48W adapter (12VDC), 100-240VAC
	Bundled 48W adapter: -10°C to 55°C ambient. For 55°C to 70°C, PWR-ADAPTER-96W-A02 (96W, optional purchase) is required.
Power Consumption: Operating Mode, Typical	12.02 W
	3x M.2 2TB SSD
Fan	Fanless
System Warning	Buzzer
Kensington Security Slot	N/A
Standard Warranty	2
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	200

Note: 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.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.