

QNAP TS-451+2G 4-BAY

CPU	Quad-core Intel® Celeron® 2.0GHz (burst up to 2.42GHz)
Floating Point Unit	V
GPU	Intel® HD Graphics
Hardware-Accelerated Transcoding	V
Memory	System memory: TS-451+-2G: 2GB DDR3L RAM (1 x 2GB) TS-451+-8G: 8GB DDR3L RAM (2 x 4GB) Total memory slots: 2 SODIMM Expandable up to: 8 GB
	NOTE: 1. When installing two memory modules, please ensure that they are the same size and ideally use the same type of RAM for both memory slots. 2. For the information of RAM module installation and compatible NAS models, please refer to the QNAP RAM Module Installation Guide
Flash Memory	512MB 4 x 2.5" or 3.5" SATA 6Gb/s, 3Gb/s HDD or SSD; hot swappable trays
Drive	NOTE: For the HDD compatibility list, please visit https://www.qnap.com/compatibility
Expansion Unit	Max. 1 (UX-800P , UX-500P)
Gigabit LAN Ports	2
USB	2 x USB 3.0 (Front: 1, Rear: 1) 2 x USB 2.0 (Rear)
IR Receiver	Yes (QNAP RM-IR002 remote control)
HDMI	1
LED Indicators	Power/Status, LAN, USB, HDD1-4
Buttons	Power, Reset, USB Auto Copy
Alarm Buzzer	System warning
Form Factor	Tower
Dimensions (HxWxD)	169 x 160 x 219 mm 6.65 x 6.3 x 8.62 inch
Weight (Net / Gross)	3 kg (6.61 lbs) / 4.3 kg (9.48 lbs)
System Fan	1 x 12cm, 12V DC
Kensington Security Slot	1
Power Supply	External Power Adapter, 90W, 100-240V
Power Consumption	S3 sleep: 0.57

(W)	HDD standby: 15.78
	In operation (typical): 33.88
Sound Level*	Sound pressure (LpAm) :16.9 dB(A)
Temperature	0 - 40 °C
Humidity	5~95% RH non-condensing, wet bulb: 27°C

