QNAP TS-451A-2G 4-BAY

Ordering P/N	TS-451A-4G	TS-451A-2G
Processor	14nm Intel® Celeron® N3060 dual-core 1.6GHz (up to 2.48GHz)	
Hardware Encryption Accleration	✓, AES-NI	
System Memory	4GB DDR3L (2 x 2GB)	2GB DDR3L (2 x 1GB)
Maximum Memory	8GB	
Memory Slot	2 x SODIMM DDR3L (For dual-DIMM configurations, you must use a pair of identical DDR3L modules.)	
Flash Memory	4GB, pre-loaded with QTS system	
Drive Type	4 x 3.5"/2.5" SATA 6Gb/s HDDs/SSDs	
GbE LAN	2 x Gigabit RJ45 LAN port	
USB Port	3 x USB 3.0 ports (Front: 1, Rear:2)	
SD Card Reader	✓	
USB QuickAccess	✓(USB 3.0 Micro-B); USB cable is not included	
HDMI	1, max. resolution 3840 x 2160 @ 30Hz	
Audio Input	3.5mm Microphone Input jack (for dynamic microphone)	
Audio Output	3.5mm Line Out jack (for ampliers or speakers)	
LED Indicator	Status/Power, USB, HDD 1, HDD 2, HDD 3, HDD 4	
Button	Power/Status, USB one-touch-backup, reset	
IR Receiver	✓, supports QNAP RM-IR002 and MCE-compliant remote controls	
Others	Kensington security slot, system maintenance port	
Dimension	169 x 160 x 219 mm 6.65 x 6.3 x 8.62 inch (HxWxD)	
Weight	Net: 3 kg (6.61 lbs) Gross: 3.6 kg (7.94 lbs)	
Operating Temperature	0-40˚C	
Relative Humidity	5~95% RH non-condensing, wet bulb: 27˚C	
Noise Level	18.1 dB (A) Refer to ISO 7779 ; Maximum HDD loaded ; Bystander Position ; Average data from 1 meter in front of operating NAS	
Power Consumption	System sleep: 0.65W HDD standby：12.1W In operation：27W (with 4 x 2TB HDDs)	
Power	96W AC power adapter, 100-240V AC	
Fan	1 x 12cm system fan (12V DC)	