Physical Hardware

Basic Components



This is a Mini PC purchased from AliExpress to act as a router/firewall. It only
through USB and focuses more on power efficiency than raw performance. T
without any fan for cooling.

Compute

Processor

Intel Pentium N4200 - Provides excellent mix between performance and efficiency using only 6W.

Cores / Threads	4 / 4
Base Frequency	1.1 GHz
Burst Frequency	2.5 GHz
Cache	2MB L2 Cache
TDP	6W

GPU

Integrated Intel HD Graphics 505

Base Frequency	200 MHz
Burst Frequency	750 MHz
Max Memory	8GB
QuickSync Video	Yes

Motherboard

Form Factor	Proprietary
CPU	Soldered Intel Pentium N4200
Chipset	unknown
Memory	1x DDR3L 1866MHz SODIMM, 1.35V, Max 8GB
Video	1x HDMI
Networking	4x Intel i211AT 1GbE
PCI	none
Storage	1x mSATA 1x SATA
USB	4x External USB 2.0 (Type-A) 2x External USB 3.0 (Type-A) 1x Internal USB 2.0 (mPCIe)
COM	1*RS232

Memory

Slot 1 	Timetec Hynix IC 8GB DDR3L 1866MHz (1x8GB) • 2Rx8 Dual Rank • CAS Latency 13 • 1.35V

Case

n/a

Storage

SATA1 	Dogfish 128GB mSATA MLC SSD

SATA2		Inland Professional 120GB SATA MLC SSD

Cooling

n/a

Power Supply

n/a



UPS

Manufacturer	APC
Model	Back UPS PRO BN-M2 1500VA
Features	• 900Watts / 1.5kVA • 6x Batter backed outlets • 4x Surge outlets

Add-On Cards

n/a

Revision #18
Created 23 March 2021 10:23:15 by dustin@swigg.net
Updated 12 October 2021 12:42:16 by dustin@swigg.net