

Intel Processor N4200
Advanced Technology
New Generation Of Intel Apollo Lake Processor



Essentials	Apollo Lake N4200	Apollo Lake N3450
Recommended Customer Price	\$161.00	\$107.00
Processor Base Frequency	1.10 GHz	1.10 GHz
Burst Frequency	2.50 GHz	2.20 GHz
Processor Graphics	Intel HD Graphics 505	Intel HD Graphics 500
Max Memory Size (dependent on memory type)	8 GB	8 GB
Intel Quick Sync Video	Yes	Yes
Intel Clear Video HD Technology	Yes	Yes
Intel Clear Video Technology	Yes	Yes
Intel HD Audio Technology	Yes	Yes
TJUNCTION	105°C	105°C

Beelink AP42 Intel Celeron Processor N4200

Powerful hardware collocation

- ✓ 2M Cache, up to **2.5 GHz CPU**
- ✓ Installed memory(RAM): **4.00GB**
- ✓ Processor Graphics , **Intel HD Graphics 505**
- ✓ System type: **64-bit**
- ✓ Max Resolution(up to) : **4096*2160@60Hz**
- ✓ Ethernet: **1000Mbps LAN**
- ✓ IEEE 802.11a/b/g/n/ac. **2.4G+5.8G**, and **BT4.0**

System Disk:



HWINFO64 @ Beelink AP42 - System Summary

CPU		Intel Pentium N4200	Cores	4
Stepping	B0/B1	Logical	4	
Codename	Apollo Lake	μCU	1C	
SSPEC	SR2Y9/SR2Z5	Prod. Unit		
CPU #0	Platform	BGA1296		
TDP	6 W	Cache	4x32 + 4x24 + 2x1M	
Features				
MMX	3DNow!	3DNow!-2	SSE	SSE-2
SSE4A	SSE4.1	SSE4.2	AVX	AVX-512
BMI	ABM	TBM	FMA	ADX
DEP	VMX	SMX	SMEP	SMAP
EM64T	EIST	TM1	TM2	HTT
AES-NI	RDRAND	RDSEED	SHA	SGX
				Turbo SST
Operating Point				
CPU MFM (LPM)	400.0 MHz	x4	100.0 MHz	-
CPU LFM (Min)	800.0 MHz	x8	100.0 MHz	-
CPU HFM (Max)	1100.0 MHz	x11	100.0 MHz	-
CPU Turbo	2500.0 MHz	x25	100.0 MHz	-
CPU Status	-	-	100.0 MHz	0.9149 V
Uncore Status	533.3 MHz	x32.00	16.7 MHz	-
Motherboard	AMI Corporation Apio CRB			
Chipset				
BIOS Date	01/11/2017	BIOS Version	00.12	UEFI
Drives				



Aluminum, the best way of cooling!

CPU 105° -- is the maximum temperature allowed at the processor
When this stability is exceeded, system automatically shuts down



38.1°



Ambient temperature: 21.5°
Play games for 1 hour
Product bottom temperature

39.0°



Ambient temperature: 20°
2 hours video playback
Product bottom temperature

Metal material design--aluminum
faster cooling



Strong Scalability

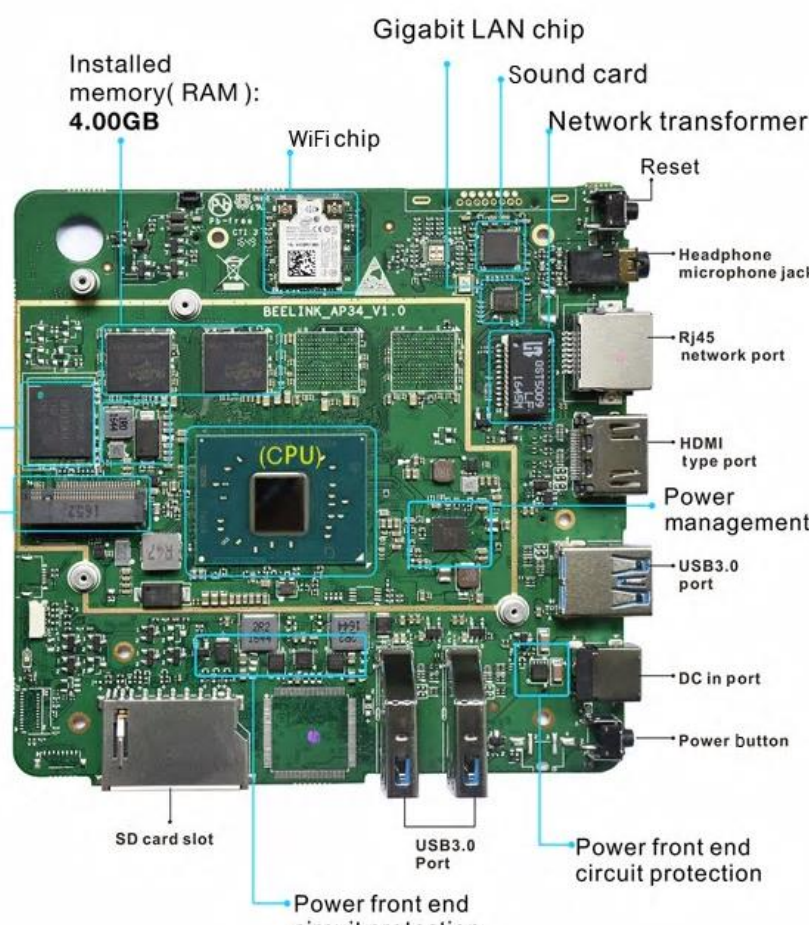
If your computer is not enough disk, equipment can freely DIY SSD.

DIY SSD
64GB, 128GB, 320GB



eMMC

DIY SSD
Solid state
disk slot



Watch movies and play games, faster and stronger

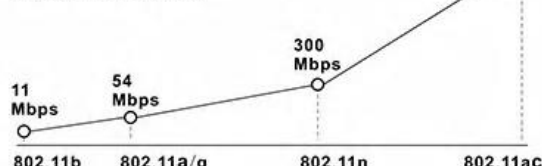
normal WiFi 3x speed, built-in Gigabit Ethernet, a variety of options, so that the whole family can be more enjoyable, the network brings the fun



Gigabit Ethernet
1000Mb/s
Maximum theoretical
downlink speed

802.11 ac dual-band WiFi
Transmission faster,
download faster

1167Mb/s
Maximum theoretical
downlink speed



Let your office environment more neat wall mounting design



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