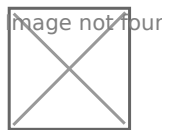


Physical Hardware

Basic Components

Compute

Processor



[AMD Ryzen 3 3200G](#) - Economical CPU that has 4 cores and integrated graphics so a PCIe slot can be saved since a GPU isn't necessary.

Cores / Threads	4 / 4
Base Frequency	3.6 GHz
Burst Frequency	4.0 GHz
Cache	4MB L3 Cache
TDP	65W







Motherboard

[Asrock B450M Steel Legend](#) - Small form factor mATX board that is being reused from a prototyping project. Being an mATX board it is very limited in expansion.

Manufacturer	Asrock
Model	B450M Steel Legend
CPU	AMD AM4 Socket
Chipset	AMD Promontory B450
Memory	<ul style="list-style-type: none">• 4x DDR4 DIMM supporting up to 64GB• Dual channel memory architecture

Display	<ul style="list-style-type: none">• 1x HDMI 1.4• 1x DisplayPort 1.2
Networking	<ul style="list-style-type: none">• 1x Realtek RTL8111H 1GbE LAN
Expansion	<ul style="list-style-type: none">• 1x PCIe 3.0 x16• 1x PCIe 2.0 x16• 1x PCIe 2.0 x1
Storage	<ul style="list-style-type: none">• 1x M.2 PCIe x4/x2• 1x M.2 SATA x4/x2• 4x SATA3
USB	<ul style="list-style-type: none">• 1x USB 3.1 Gen 2 (Type-C)• 1x USB 3.1 Gen 2 (Type-A)• 4x USB 3.1 Gen 1 (Type-A)• 2x USB 2.0

Memory

Slot 1	 <p>image not found or type unknown</p>	<p>Corsair Vengeance LPX 8GB DDR4 2666MHz (1x8GB)</p> <ul style="list-style-type: none">• 2Rx8 Dual Rank• CAS Latency 16• timing 16-18-18-35• 1.2V
Slot 2	 <p>image not found or type unknown</p>	<p>Corsair Vengeance LPX 8GB DDR4 2666MHz (1x8GB)</p> <ul style="list-style-type: none">• 2Rx8 Dual Rank• CAS Latency 16• timing 16-18-18-35• 1.2V
Slot 3	 <p>image not found or type unknown</p>	<p>Corsair Vengeance LPX 8GB DDR4 2666MHz (1x8GB)</p> <ul style="list-style-type: none">• 2Rx8 Dual Rank• CAS Latency 16• timing 16-18-18-35• 1.2V
Slot 4	 <p>image not found or type unknown</p>	<p>Corsair Vengeance LPX 8GB DDR4 2666MHz (1x8GB)</p> <ul style="list-style-type: none">• 2Rx8 Dual Rank• CAS Latency 16• timing 16-18-18-35• 1.2V







Case

Fractal Design - Define Mini C (Blackout) - A fantastic case with an attractive minimalistic design that in a mATX form factor.

Manufacturer	Fractal Design
Model	Define Mini C (Blackout)
Features	<ul style="list-style-type: none">• Sound dampening panels• Excellent build quality• 2x 3.5" Drive Bays• 2x 2.5" Drive Bays

Storage

#	Capacity	Interface	Type	Manufacturer & Model	Speed
1x 	256GB or type unknown	NVMe	SSD	Western Digital Black WDS256G1X0C	PCIe 3.0 x2
2x 	512GB or type unknown	SATA	SDD	Crucial MX100	SATA3 6.0Gb/s
1x 	1TB or type unknown	SATA	HDD	Western Digital WD10EZEX	SATA3 6.0Gb/s
1x 	1TB or type unknown	SATA	HDD	Seagate ST1000DM003	SATA3 6.0Gb/s

Cooling

CPU 	AMD Wraith Spire
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Case (Front)	 image not found or type unknown	Noctua NF-A14 PWM 140mm
Case (front)	 image not found or type unknown	Noctua NF-F12 PWM 120mm
Case (rear)	 image not found or type unknown	Noctua NF-F12 PWM 120mm



Power Supply

Manufacturer	EVGA
Model	SuperNOVA 550 G2
Features	<ul style="list-style-type: none">• 550W• fully module

UPS

n/a

Add-On Cards

PCI 3.0 x16	 Radeon RX 560 Gaming OC 4G (rev. 1.0) <ul style="list-style-type: none">• PCIe Gen3 x8
PCI 3.0 x1	 Inateck 4 Ports PCIe to USB 3.0 <ul style="list-style-type: none">• PCIe Gen3 x1

PCI 2.0 x16



10Gtek Intel 82599ES SFP+ PCIe x8

- PCIe Gen3 x8
- SFP+ 10GbE port
- SR-IOV

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