**PC Parts**

| ## | Part Name | Brand | Model | Quantaty | Price $ | Buy at |
|---|---|---|---|---|---|---|
| **1** | PC case | HDPlex | H5 2nd Gen Fanless PC Case | 1 | 298 | https://hdplex.com/hdplex-h5-fanless-computer-case.html |
| **2** | PSU for DC-ATX | HDPlex | HDPLEX 800W DC-ATX with 16V-63VDC Input | 1 | 278 | https://hdplex.com/hdplex-800w-dc-atx-with-16v-63vdc-input.html |
| **3** | Motherboard | ASUS | ASUS ROG Crosshair VII Hero AMD Ryzen 2 AM4 DDR4 M.2 USB 3.1 Gen2 ATX X470 | 1 | 300 | https://www.amazon.com/ROG-Crosshair-VII-Hero-Motherboard/dp/B07CCHP1LD |
| **4** | CPU (65W) | AMD | AMD Ryzen 7 3700X | 1 | 284 | https://www.amazon.com/AMD-Ryzen-3700X-16-Thread-Processor/dp/B07SXMZLPK/ref=sr_1_2?dchild=1&keywords=AMD+Ryzen+7+3700X+CPU&qid=1596972215&s=electronics&sr=1-2 |

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|---|---|---|---|---|---|---|
| **5** | Memory | Apacer | Apacer ECC RAM | 2x4 | 173 | second hand |
| **6** | USB card (5v 1A) | JCat | USB CARD XE | 1 | 800 | https://jcat.eu/product/usb-card-xe/ |
| **7** | NET card (5v 1A) | JCat | NET CARD XE | 1 | 800 | https://jcat.eu/product/net-card-xe-high-end-hifi-network-card/ |
| **8** | Memory M.2 | Intel | Intel Optane Memory M.2 2280 32GB PCIe NVMe 3.0 x 2 (MEMPEK1W032GAXT) | 1 | 73 | https://www.amazon.com/gp/product/B06XSXX3NS/ref=oxsc_act_title_2?smid=A2E03HGVYBRQJB&psc=1 |
| **9** | GraphicCard | Asus | Asus GeForce GT 710 2GB GDDR5 HDMI VGA DVI | 1 | 57 | https://www.amazon.com/gp/product/B073GF2CL6/ref=oxsc_act_title_1?smid=ATVPDKIKX0DER&psc=1 |
| **10** | PC case feets | IsoAcoustics | Gaia OEM | 4 | 150 | second hand |

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| **11** | SSD M.2 | Sabrent | Sabrent 2TB Rocket NVMe PCIe M.2 2280 Internal SSD | 1 | 280 | https://www.amazon.com/gp/product/B07MTQTNVR/ref=ppx_yo_dt_b_asin_title_o02_s01?ie=UTF8&psc=1&fireglass_rsn=true |
| **12** | SSD M.2 Heatsink | Sabrent | Sabrent M.2 2280 SSD Rocket Heatsink (SB-HTSK) | 1 | 25 | https://www.amazon.com/gp/product/B07TN2RX2K/ref=ppx_yo_dt_b_asin_title_o02_s01?ie=UTF8&psc=1 |
| **13** | Audio OS | Euphony | Euphony Stylus | 1 | 289 | |
| **14** | Front panel | Modushop | 10mm alluminium Front panel 3U SILVER | 1 | 37 | https://modushop.biz/site/index.php?route=product/product&product_id=285&search=+front+panel+&description=true |

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| **15** | AC-DC Adapter | HDPLEX | Adapter 200W AC-DC | 1 | 67 | https://hdplex.com/hdplex-internal-200w-ac-dc-adapter-with-active-pfc-and-19vdc-output.html |
| **16** | PC Chassis side panel | HDPLEX | H5 2nd Gen Fanless PC side panel | 2 | 70 | |
| **17** | AC power cable for USB card | DIY | | 1 | | |
| **18** | AC power cable for NET card | DIY | | 1 | | |
| **19** | Main power motherboard (ATX) AC cable | DIY | | 1 | | |
| **20** | CPU AC (EPS) power cable | DIY | | 1 | | |
| **21** | Shipping costs | | | | 300 | |
| **Total** | | | | | **3981** | |

**Connection parts**

| ## | Part Name | Brand | Model | Quantaty | Price $ | Buy at |
|---|---|---|---|---|---|---|
| **1** | Hook-up wire | Mundorf | Wire 15.5a | 2ft | 44 | https://www.partsconnexion.com/MUNDORF-72180.html |

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| **2** | Hook-up wire | Neotech | Neotech Solid UPOCC Copper in Teflon 16 AWG Red | 10 ft | 35 | http://www.soniccraft.com/product_info.php/neotech-solid-upocc-copper-in-teflon-16-awg-red-p-1583?osCsid=6249c7e9d7a15e7f04cf994293c8fd6c |
| **3** | Hook-up wire | Neotech | Neotech Solid UPOCC Copper in Teflon 18 AWG Red | 35 ft | 85 | http://www.soniccraft.com/product_info.php/neotech-solid-upocc-copper-in-teflon-18-awg-red-p-1580 |
| **4** | Hook-up wire | Neotech | Neotech Solid UPOCC Copper in Teflon 12 AWG Red | 4 ft | 40 | https://www.partsconnexion.com/NEOTECH-70756.html |
| **5** | Hook-up wire | Mundorf | Wire 18awg Silver/Gold | 13ft | 20 | https://www.partsconnexion.com/MUNDORF-70802.html |

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| **6** | Cotton tube | | Cotton Tube 5mm (1.8mm internal) Non-Dye Natural Colour | 25 ft | 12 | https://www.partsconnexion.com/COTTUBE-72533.html |
| **7** | Heat shrink tube | | 1/4" Adhesive Lined Polyolefin 3:1 | 5 ft | 2 | http://www.soniccraft.com/product_info.php/14-adhesive-lined-polyolefin-31-p-4733 |
| **8** | DC connector | Oyaide | DC 2.1G | 3 | 60 | https://www.vhaudio.com/oyaide-dc.html |
| **9** | Outer Sleeve | Techflex | 1/4 inch CC | 15 ft | 7 | https://www.vhaudio.com/expandablesleeving.html |
| **10** | Braid sleeve | Small parts | Flat Tinned Copper Braid 1/4" Width | 25 ft | 19 | https://www.amazon.com/gp/product/B003HGHQYM/ref=ox_sc_act_title_5?smid=ATVPDKIKX0DER&psc=1 |
| **11** | External sleeve | | Sleeving PET50-BKPLs 1/2" Expansion Range 1/4"- 3/4" Black Pet Purple/Gold | 10 ft | 10 | https://www.partsconnexion.com/SLEEVE-75590.html#43441 |

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| **12** | Solder | WBT | WBT 4% Silver Solder | 1 ft | 3 | https://www.vhaudio.com/expandablesleeving.html |
| **13** | Thermal paste | Thermal Grizzly | Thermal Grizzly Hydronaut Thermal Paste | 7.8g | 19 | https://www.amazon.com/gp/product/B00ZJSDB7W/ref=ox_sc_act_title_3?smid=A2YEUM61JL77GX&psc=1 |
| **14** | ATX connector | | 4Pin PCI-E | 1 | 2 | AlliExpress |
| **15** | ATX connector | | 6Pin PCI-E | 2 | 3 | AlliExpress |
| **16** | ATX connector | | 8Pin PCI-E | 3 | 5 | AlliExpress |
| **17** | ATX connector | | 24Pin PCI-E | 2 | 6 | AlliExpress |
| **18** | GX16 Connector | | GX16 2Pin | 3 | 6 | AlliExpress |
| **19** | GX16 Connector | | GX16 3Pin | 1 | 2 | AlliExpress |
| **20** | GX16 Connector | | GX16 4Pin | 2 | 4 | AlliExpress |
| **21** | Molex pins | Molex / Waldom | 45750-1212 | 100 | 26 | https://www.onlinecomponents.com/molex-waldom/45750121211865604.html |

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|---|---|---|---|---|---|---|
| **22** | Front panel for PC chassis | Modushop | Dissipante 3U | 1 | 37 | https://modushop.biz/site/index.php?route=product/product&product_id=285 |
| **23** | Shipping costs | | | | 53 | |
| **Total** | | | | | **500** | |