

Hypocentre 2.0

HW:

CPU: Threadripper

Last generation ~second/third best ~ \$2800

Cooler:

RAM: Minimum 128 GB (double Hypocentre 1.0)

\$1210 <https://www.pbtech.co.nz/product/MEMGSK32043/GSKILL-Trident-Z-RGB-F4-3200C16Q-128GTZR-128GB-RAM>

Graphics:

2x Research GPUs (2 x 250W TDP)

\$0, onboard graphics for screens

Power Supply:

1.5 kW (500 W for GPUs alone)

1300W \$485 <https://www.pbtech.co.nz/product/PSUCLM79130/Cooler-Master-V-1300W-80-PLUS-PLATINUM-Fully-Modul>

1600W \$710 <https://www.pbtech.co.nz/product/PSUEVG221600/EVGA-SuperNOVA-1600-P2-1600W-80-Platinum-Full-Modu>

Case:

\$150 <https://www.pbtech.co.nz/product/CHANZX05120/NZXT-H511-Compact-Matte-Black-ATX-MidTower-Gaming>

Motherboard:

\$750 only option <https://www.pbtech.co.nz/product/MBDGBM35912/Gigabyte-AORUS-TRX40-AORUS-PRO-WIFI-For-AMD-Ryzen>

Network:

10 Gb card and request 10 Gb connection to network.

\$170 <https://www.pbtech.co.nz/product/NICTPL1001/TP-Link-TX401-10Gbps-PCI-E-Ethernet-Adapter-1-x-RJ>

New Storage

512GB SSD m.2

2TB SSD

Old Storage

Hypocentre: 10TB, 3TB in LVM, 256GB SSD (m.2 in pcie) needs replacing, might be able to swap out m.2.

Epicentre: 2TB + older 2TB in LVM, 1TB SSD m.2, Old SSDs: 120GB, 180GB.