

Machines

Kratos

To be built

Original purchase 06.2025, assembled 08.2025, serving as Hua Hin Desktop on Windows 11 Professional.

- CPU: AMD Ryzen 9 9950X3D (16 cores - 32 threads)
- Cooler: Thermalright Peerless Assassin 120 Digital ARGB Black
- System Memory: 128GB (2x64GB) Crucial Pro DDR5 5600MHz (CP2K64G56C46U5) System Memory
- System Drive:
- Data Drive 1: Crucial T700 4TB Gen5 NVMe M.2 SSD
- Motherboard: AsRock X870E Taichi Lite
- Graphics: Powercolor Radeon RX 970 XT OC Red Devil
- Optical drive 1: Samsung 16x Blue-Ray / DVD Writer (BH16NS40) (taken from Hercules)
- Optical drive 2: Pioneer BDXL UltraHD Blue-Ray Reader (BH16NS40) (taken from Hercules)
- Case: Thermaltake Suppressor F51 with custom USB-C front header (taken from Olympus)
- Power: Corsair HX850i 850W (taken from Hercules)

Cassandra

Original purchase 02.2024, serving as Laptop on Windows 11 Professional.

- CPU: Intel Core i7-1370H (14 cores (6P+8E) - 20 threads)
- System Memory: 64GB (2 x 32GB, LPDDR5-7500 @ 6000MHz, quad channel)
- Motherboard: LENOVO
- Graphics: Intel Iris Xe Graphics
- System Drive: Samsung SSD 970 EVO Plus 2TB (from Vulcan)
- Display: Lenovo 14" (2880 x 1800, 60Hz, OLED)



[PassMark Rating](#)

Hera

Original purchase 02.2024, serving as Laptop for May (Bethico) on Windows 11 Home Single Language.

- CPU: Intel Core i7-12700H (14 cores (6P+8E) - 20 threads)

- System Memory: 16GB (2 x 8GB, DDR5 SODIMM 4800MHz, dual channel)
- Motherboard: ASUS
- Graphics: Intel Iris Xe Graphics
- System Drive: EM 512GB
- Display: ASUS 16" (1920 x 1200, 60Hz, IPS)



Vulcan

Original purchase 01.2019, serving as Laptop on Windows 10 Home Single Language.

- CPU: Intel Core i7-8750H (6 cores - 12 threads)
- System Memory: 32GB (2 x 16GB, DDR4 SODIMM 2666MHz, dual channel), Kingston HyperX
- Motherboard: Lenovo
- Graphics: Intel HD Graphics 630 + nVidia GeForce 1050GTX
- System Drive: Samsung SSD 970 EVO Plus 2TB
- Display: Lenovo 15.6" (1920 x 1080, 60Hz, IPS)
- Special keys: CTRL-SHIFT-1 (toggle Cooling Boost)



Olympus2

Original purchase 02.2018, now serving as new Hua Hin File and Web Server on Debian 12 Bookworm.

- CPU: AMD Threadripper 1950x (16 cores - 32 threads)
- Cooler Noctua NH U14S TR4-SP3)
- System Memory: 64GB (4 x 16GB, quad channel, Corsair Vengeance LED 64GB (4 x 16GB) DDR4 3000MHz C15 (CMU64GX4M4C3000C15R))
- Motherboard: AsRock Fatal1ty X399 Gaming
- Graphics: ASUS nVidia GT710
- System Drive 1: Transcend NVMe Gen 3x4 128GB
- System Drive 2: Transcend NVMe Gen 3x4 256GB
- Data Drive: 2 x HGST Ultrastar 10TB in Raid1
- PSU: Corsair RM750x
- Case: Thermaltake Suppressor F51



Olympus

To be retired

Original purchase 03.2019, serving as new Hua Hin File and Web Server on Debian 9 Stretch.

- CPU: AMD Ryzen 7 2700x (8 cores - 16 threads)
- Cooler Be Quiet! Dark Rock 4
- System Memory: 32GB (2 x 16GB, dual channel, Kingston HyperX Fury Black 32GB (2 x 16GB) DDR4 2666MHz CL16 (HX426C16FBK2/32))
- Motherboard: AsRock X470 Taichi Ultimate
- Graphics: Gigabyte nVidia GTX1050Ti
- System Drive: 2 x Transcend NVMe 128GB
- Data Drive: 3 x HGST Ultrastar 4TB in Raid5
- PSU: Corsair RM750x
- Case: Thermaltake Suppressor F51



Hestia2

Original purchase 02.2018, now serving as new Hua Hin File and Web Server on Debian 12 Bookworm.
Original purchase 03.2019, serving as new Hua Hin File and Web Server on Debian 9 Stretch.

- CPU: AMD Ryzen 7 2700x (8 cores - 16 threads)
- Cooler Be Quiet! Dark Rock 4
- System Memory: 32GB (2 x 16GB, dual channel, Kingston HyperX Fury Black 32GB (2 x 16GB) DDR4 2666MHz CL16 (HX426C16FBK2/32))
- Motherboard: AsRock X470 Taichi Ultimate
- Graphics: Gigabyte nVidia GTX1050Ti
- System Drive: 2 x Transcend NVMe 128GB
- Data Drive: 3 x HGST Ultrastar 4TB in Raid5
- PSU: Corsair RM750x
- Case: Thermaltake Suppressor F51



Epione

CPU, Cooler, Motherboard, Memory purchase 12.2019, serving as Hua Hin Backup Server on Debian 11. Hardware and Software upgraded from [Ixiion](#).

- CPU: AMD Ryzen 5 3400G (4 cores - 8 threads)
- Cooler: Alpenföhn Ben Nevis
- System Memory: 16GB (2 x 8GB, Kingston Fury Beast DDR4-3200, dual channel)
- Motherboard: AsRock X570 Phantom Gaming
- Graphics: embedded
- System Drive: 2x SATA 120GB Samsung 840 EVO
- Data Drive: 2 x HGST Ultrastar 10TB in Raid1
- PSU: Be Quiet! Pure Power 11 CM
- Case: Thermaltake Suppressor F51



Hestia

Original purchase 09.2015, now serving as Films Server on Debian 9 Stretch.

- CPU: Intel Core i7-6700 (4 cores - 8 threads)
- System Memory: 32GB (4 x 8GB, dual channel, G.Skill F4-2400C15-8GRB)
- Mother Board ASUS Z170-K
- Intel HD Graphics 530 on board (Passmark tested with Gigabyte nVidia GTX1050Ti)
- System Drive: Transcend NVMe 128GB (Passmark tested with Samsung 950 pro NVMe 512GB)
- PSU Corsair VS550
- Case Thermaltake Suppressor F51
- ASUS MG278Q (2560 x 1440) 27" monitor



Poseidon

Original purchase 08.2008, now serving as Prachin Buri desktop on Windows 10 Professional.

- CPU Intel Core2 Extreme QX9650 (4 cores - 4 threads)
- System Memory: 8GB (4 x 2GB, DDR3, dual channel)
- Motherboard: ASUS P5Q3 Deluxe
- Graphics: Gigabyte nVidia GTX1050ti

- System Drive: SATA 120GB Samsung 840 EVO
- Zalman psu
- Fractal Design Define R6 Black case
- Dell U3011 (2560×1600) 30" monitor



Iapetus

CPU, Motherboard purchase 01.2023, serving as Flims desktop on Windows 11 Home Single Language.

- CPU: AMD Ryzen5 4600G (6 cores - 12 threads)
- Cooler: AMD Wraith Prism (unused from [Olympus](#))
- System Memory: 16GB (2 x 8GB, Corsair Vengeance LPX DDR4-3200, dual channel) purchase 12.2019
- Motherboard: Asrock B550m Pro4
- Graphics: embedded
- System Drive: NVMe 512GB Samsung 950 PRO [Hestia - purchased 09.2015]
- PSU: Zalman [Ixion - purchased 06.2006]
- Case: Fractal Design [Ixion - purchased 06.2006]
- Monitor: AOC (1920×1080) 24"



Retired Machines

Hercules

Retired

Original purchase 02.2018, serving as Hua Hin Desktop on Windows 10 Professional.

- CPU: AMD Threadripper 1950x (16 cores - 32 threads)
- Cooler Noctua NH U14S TR4-SP3)
- System Memory: 64GB (4 x 16GB, quad channel, Corsair Vengeance LED 64GB (4 x 16GB) DDR4 3000MHz C15 (CMU64GX4M4C3000C15R))
- Motherboard: AsRock Fatal1ty X399 Gaming
- Graphics: ASUS nVidia GX980
- Capture: Blackmagic Design Intensity Pro 4K

- System Drive: SATA 256GB Samsung 850 pro
- Data Drive: NVMe 512GB Samsung 960 pro, NVMe 960GB Corsair MP510
- Optical Drive: Pioneer BDXL (Bluray), ASUS
- PSU: Corsair HX850i
- Case: Thermaltake Suppressor F51
- Monitor: BenQ PD3200U 4K (3840 x 2160) 32" designer monitor, ASUS MG278Q WQHD (2560x1440) 27" gaming monitor
- BIOS v1.30: released 2017/08/09, original
- BIOS v3.80: released 2020/01/08, installed 2020/10/29, after upgrade to Bridge BIOS 2.10



Venus

Retired

Original purchase 12.2016, now serving as laptop on Windows 10 Home Single Language.

- CPU: Intel Core i7-7500U (2 cores - 4 threads)
- System Memory: 16GB (2 x 8GB, DDR4 SODIMM 2133MHz, dual channel)
- Motherboard: Dell 0TGXC1
- Graphics: Intel HD Graphics 620 + nVidia GeForce 940MX
- System Drive: Intel SATA 128GB (M.2.2280 Intel IM2S3138E-128GM-B)
- Data Drive: Sandisk SATA 250GB (SDSSDA240G)
- Display: Dell 14" (1920 x 1080)



Ixion

Retired

Original purchase 06.2006, now serving as Hua Hin Backup Server on Debian 10.

- CPU: AMD Phenom II X4 940 (4 cores - 4 threads)
- Cooler: Thermalright Macho Rev. A (BW) [Apollo]
- System Memory: 8GB (4 x 2GB, DDR2, dual channel)
- Motherboard: ASUS M2N32-SLI Deluxe
- Graphics: AMD Radeon 5450 fanless
- System Drive: 2x SATA 120GB Samsung 840 EVO
- Data Drive: 3 x HGST Ultrastar 4TB in Raid5
- PSU: Be Quiet! Pure Power 11 CM
- Case: Thermaltake Suppressor F51



Apollo

Retired

Original purchase 01.2014, serving as main server on Debian 7.

- CPU: XEON E5-2640 hexa-core, 2.5GHz
- Cooler: Thermalright Macho Rev. A
- System Memory: 32GB DDR3 1600 REG/ECC System Memory
- Motherboard: SuperMicro X9SRA
- Graphics: Zalman ATI 5450 fanless
- Optical drive: LG 16x Blue-Ray / DVD Writer (BH16NS40)
- MD0: 2 x Samsung SSD 840 120GB (/)
- MD1: 2 x HGST HUS724040ALA640 - 4TB (vg_data)
- MD2: 2 x HGST HUS724040ALA640 - 4TB (vg_data)
- MD3: 2 x HGST HUS724040ALA640 - 4TB (vg_backup)
- LAN: 2 x 1Gbit LAN on MB
- Case: Fractal Design ARC Midi Tower
- Power: Seasonic Platinum 660W (SS-660XP Active PFC F3)

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