

**Best Price Performance**



**KRONOS 840A-G4**  
High performance workstation

# KRONOS 840A-G4

High performance workstation

CIARA offers high-performance workstations that are designed to target the most demanding CAD, CAE, 3D rendering and post-production software.

The KRONOS workstations are purpose-built, quiet, energy-efficient and optimized to increase profitability as well as workflow productivity.

<b>1</b> SOCKET	<b>4.0+</b> GHz	<b>32</b> CORES
<b>4</b> GPU	<b>128GB</b> RAM	<b>1200W</b> PSU



<b>Form Factor</b>	Mid Tower
<b>Chipset</b>	AMD X399
<b>Processor</b>	AMD Ryzen™ Threadripper™ - 1950X processor 16 Cores 32M L3Cache, accelerated to 4.1+ GHz on all cores AMD Ryzen™ Threadripper2™ - 2950X processor 16 Cores 32M L3Cache, accelerated to 4.2+ GHz on all cores AMD Ryzen™ Threadripper2™ - 2990WX processor 32 Cores 64M L3Cache, accelerated to 4.0 GHz on all cores
<b>Cooling System</b>	High Performance Liquid Cooled System, Closed Loop, Maintenance Free and Datacenter Compliant with Exclusive Leak Detection System
<b>Memory Capacity</b>	Up to 128 GB (Quad Channel - 8 DIMMs Slots)
<b>Memory Type &amp; Size</b>	UDIMM DDR4 3200/3600 MHz, 8 and 16 GB Support for ECC Un-buffered DIMM 1R x8/2Rx8 memory modules (2600 MHz)
<b>Network Controller</b>	(2) Gigabit Networks Ports i210T (1) 10GbE port Aquantia AQC107 Optional add-on cards available*
<b>Video/GPU</b>	Up to (4) Graphic or GPGPU Cards (4 x PCI/e Gen 3.0 - x16/x16/x8/x8)
<b>Storage Controller</b>	AMD® X399 chipset 6 Gb/s SATA controller - Support RAID 0, 1, and 10 (2) M.2 Socket 3, with M key, type 22110 storage devices support (SATA & PCIE 3.0 x 4 mode) (1) M.2 Socket 3, with M key, type 2280 storage devices support (SATA & PCIE 3.0 x 4 mode)
<b>Drive Bays</b>	(2) 3.5" and (4) 2.5" SATA/SSD
<b>Expansion Slots</b>	(2) PCIe 3.0 x16 (x16 mode) (2) PCIe 3.0 x16 (x8 mode)
<b>I/O Ports Back</b>	(3) LAN (RJ45) port(s), (2) USB 3.1 Gen 2 Type-A + USB Type-CTM, (4) USB 3.1 Gen 1, (4) USB 2.0 (1) Optical S/PDIF out, (1) USB BIOS Flashback Button(s), (1) 8-channel Audio I/O
<b>I/O Ports Front</b>	(2) USB 3.1, (1) Mic, (1) Audio out
<b>Power Supply</b>	1200 W High Efficiency 80 PLUS® Platinum Certified
<b>Environment</b>	Operating: 10°C to 25°C (50°F to 77°F) Non-operating: -20°C to 70°C (-4°F to 158°F) @ 5% to 95% (non-condensing)
<b>Dimensions (DxWxH)</b>	17.9 in x 8.6 in x 18.6 in (453.7 mm x 217.6 mm x 474.2 mm)
<b>Weight</b>	26.5 lb / 12 kg
<b>Warranty</b>	CIARA's limited hardware warranty includes a one year, parts and labour with return to CIARA USA or Canada. Customers may purchase an extended warranty of up to 3 years on parts and labour with different support levels. Please contact CIARA at 1-877-242-7272 for complete warranty details including limitations and transferability.
<b>OS Support</b>	Microsoft® Windows® 10 Pro 64 Bit

\*refer to the Product AVL Document for more information

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