

# **CYNIX ProX ix8440 Workstation**

## **Highly Efficient performance and ultimate expandability**

Power through the most complex, demanding applications more quickly with a new generation of dual-socket performance with the Intel Xeon Scalable Processor family featuring up to 56 cores with dual processor. Top-of-the-line power to fuel those who reimagine our world. our workstation capable to run complex simulations, handle advanced Machine Learning algorithms and process huge amounts of data.



<b>Feature</b>	<b>CYNIX ProX ix8440 Workstation Technical Specifications</b>
Processor	Up to two 205W Gen 1 or Gen 2 Intel® Xeon® Scalable family processors, Bronze, Silver, Gold, or Platinum
Chipset	Intel C6xx Series Chipset
Operating System Options	Windows 11 Pro for Workstations Windows 10 Pro for Workstations Ubuntu 20.04LTS Red Hat® Enterprise Linux®
Video Card	Entry 3D: NVIDIA® T400 (4GB GDDR6 dedicated) NVIDIA® T400 (2GB GDDR6 dedicated) NVIDIA® Quadro® P620 (2GB GDDR5 dedicated)  Mid-range 3D: NVIDIA® T1000 (8GB GDDR6 dedicated) NVIDIA® T1000E (8GB GDDR6 dedicated) AMD Radeon™ Pro WX3200 (4GB GDDR5 dedicated) NVIDIA® Quadro® P1000(4GB GDDR5 dedicated) NVIDIA® Quadro® T1000 (4GBG DDR6 dedicated) NVIDIARTX™ A2000 (6GB GDDR6 dedicated)

	<p>High-end 3D:  NVIDIA RTX™ A4500 (20GB GDDR6 dedicated)  NVIDIA RTX™ A4000 (16GB GDDR6 dedicated)  AMD Radeon™ Pro W5500 (8GB GDDR5 dedicated);  AMD Radeon™ Pro W5700 (8GB GDDR5 dedicated)</p> <p>Ultra High-end 3D:  NVIDIA® Quadro® GV100 (32GB GDDR5 dedicated)  AMD Radeon™ Pro W6800(32GB GDDR6 dedicated)  NVIDIA® RTX™A6000 (48GB GDDR6 dedicated)  NVIDIA® RTX™A5000 (24GB GDDR6 dedicated)  NVIDIA® Quadro® SYNC II</p>
Memory	3TB DDR4-2666ECC SDRAM; 1.5TB DDR4-2933ECC SDRAM Transfer rates up to 2933MT/s
Memory slots	24 DIMM with 2 processors
Communication	<p>Integrated: Intel® Gigabit Ethernet controllers with Intel Remote Wake UP</p> <p>Optional:  Intel® i210 10/100/1000 single port PCIe (Gen 3 x1) gigabit network card,  Intel® X550-T2 10GbE dual port PCIe (Gen 3 x4) network card,  Intel Dual Band Wireless AC 8265 (802.11ac) 2x2 + Bluetooth module,</p>
Ports	<p>Front:  1 headset connector  4 USB 3.1</p> <p>Rear:  6 USB3.1 Gen 1  2 RJ-45 (1GbE)  1 audio-in; 1 audio-out  1 PS/2mouse port  1 PS/2keyboard port  1 serial (optional)</p>
Optical Drive	Slim DVD-ROM Slim Blu-ray Writer Slim DVD-Write
Form factor	Micro Tower
Drive Bays	Two 5.25", Four 2.5" or 3.5
Slots	All slots PCIe Gen 3: (2) PCIe x16, (2) additional x16 slots with 2nd CPU; (1) PCIe x8 open ended, (1) x16 wired as x 4, (1) x16 wired as x1
Primary Storage	3.5" SATA HDD 6Gb/s 7.2k RPM up to 12TB 2.5" SAS HDD 12GB/s 10k RPM up to 600GB 2.5" SATA SSD 6GB/s up to 2TB 2.5" U.2 PCIe NVMe SSD up to 1.5TB

	M.2 PCIe NVMe SSD up to 2TB
Storage Controller	M.2 SSD Controllers Integrated NVMe Controller with RAID 0/1/10 Upgrade Integrated NVMe Controller, non-RAID HDD Controllers Onboard Intel RSTe SATA
Warranty	3 Years Hardware Service with Onsite/In-Home Service after Remote Diagnosis, warranty extensions up to 5 years Accidental Damage Service is available to accompaniment certain warranty options from 3-5 years Keep your hard drive Options Available on certain SKU.
Audio and Speakers	Integrated high-definition audio controller Optional Internal Speaker
Power	Standard Internal power supply, up to 90% efficiency, active PFC;
Hardware Security	Kensington security-cable slot (Optional) Padlock loop (Optional) Chassis intrusion switch (Optional)
Input devices	CYniX Wired Keyboard Black (English) - US International CYniX Wired Mouse Black Wireless Keyboard and Mouse (Optional)
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 5 to 90% RH

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