

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.



Feature	CYNIX ProX ix8440 Workstation Technical Specifications
Processor	Up to two 205W Intel® Xeon® Scalable family Processors (Up to Gen 5) Intel® Xeon® Bronze Series Processor Intel® Xeon® Silver Series Processor Intel® Xeon® Gold Series Processor Intel® Xeon® Platinum Series Processor
Chipset	Intel C6xx and C7xx Series Chipset
Operating System Options	Windows 11 Pro for Workstations Latest Ubuntu 24.04 LTS Red Hat® Enterprise Linux® Free DOS
Video Card	Entry 3D: NVIDIA® T400 4GB NVIDIA® RTX™ A400 4GB NVIDIA® T1000 4GB NVIDIA® T1000 8GB NVIDIA® RTX™ A1000 8GB NVIDIA® GeForce RTX™ 5060 8GB NVIDIA® GeForce RTX™ 5060 Ti 8GB NVIDIA® GeForce RTX™ 5070 12GB Intel Arc Pro A40 6GB Intel Arc Pro A50 6GB Mid-range 3D: NVIDIA® GeForce RTX™ 5060 Ti 16GB NVIDIA® GeForce RTX™ 5070 Ti 16GB NVIDIA® GeForce RTX™ 5080 16GB

	NVIDIA® RTX™ A2000 12GB NVIDIA® RTX™ 2000 Ada Generation 16GB NVIDIA® RTX™ PRO 2000 Blackwell 16GB NVIDIA® RTX™ A4000 16GB Intel Arc Pro A60 12 GB High-end 3D: NVIDIA® GeForce RTX™ 5090 32GB NVIDIA® RTX™ A4500 20GB NVIDIA® RTX™ 4000 SFF Ada Generation 20GB NVIDIA® RTX™ 4000 Ada Generation 20GB NVIDIA® RTX™ 4500 Ada Generation 24GB NVIDIA® RTX™ PRO 4000 Blackwell 24GB NVIDIA® RTX™ PRO 4000 Blackwell SFF Edition 24G Ultra High-end 3D: NVIDIA® RTX™ A5000 24GB NVIDIA® RTX™ A5500 24GB NVIDIA® RTX™ 5000 Ada Generation 32GB NVIDIA® RTX™ PRO 4500 Blackwell 32GB NVIDIA® RTX™ PRO 5000 Blackwell 48GB NVIDIA® RTX™ 6000 Ada Generation 48GB NVIDIA® RTX™ PRO 6000 Blackwell Workstation Edition 96GB NVIDIA® RTX™ PRO 6000 Blackwell Max-Q Workstation Edition 96GB NVIDIA® A800 40GB Active 40 GB
Memory	Support up to 3 TB DDR5 RDIMM 8-Channel memory per processor
Memory slots	Up to 16 DIMM with 2 Processors
Communication	Integrated: Intel® 10/100/1000 Gigabit Ethernet controllers with Intel Remote Wake UP 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® Wi-Fi 6E AX21x – Ultra-fast tri-band wireless module with Wi-Fi 6E (6 GHz support) and Bluetooth 5.3
Ports	Front: 1 Headset connector 2 USB v3.x 1 USB Type C GEN 2 Rear: 1 VGA connector, 1 IPMI management connector, 2 USB 2.0 connectors, 4 USB 3.x connectors, 2 RJ-45 LAN connectors, 2 RJ-45 10GbELAN Connectors (Optional) 1 8-channel audio connector, 1 Display Port (Optional)
Optical Drive	Slim DVD-ROM Slim Blu-ray Writer Slim DVD-Write No Optical Drive

Form factor	Tower {512L * 212W * 487H (in mm)}
Drive Bays	Two 5.25" Three 2.5" or 3.5
Slots	Up to 8 PCIe Expansion Slots Up to 4 M.2 Slots for NVMe SSD Storage Dedicated M.2 Slot for Wi-Fi Module (Optional)
Primary Storage	3.5" SATA HDD 6Gb/s 7.2k RPM up to 12TB 3.5" Enterprise SATA HDD 7.2k RPM up to 12TB 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 Internal Speaker (Optional)
Power	Single 450W, 650W, 750W, 1050W, 1250W, 1500W, 2000W, and 2250W Power supply with Bronze, Gold, or Titanium level certification, offering high efficiency of up to 90%, active PFC. Redundant power supply with up to 90% efficiency, active PFC (Optional)
Hardware Security	Kensington security-cable slot (Optional) Padlock loop (Optional) Chassis intrusion switch (Optional) Trusted Platform Module 2.0 (Optional)
Input devices	CYNiX Wired Keyboard Black (English) - US International CYNiX Wired Mouse Black CYNiX Wireless Keyboard and Mouse (Optional)
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 5 to 90% RH

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