

CYNIX ProX ix5440 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 W Processor family. 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 ix5440 Workstation Technical Specifications
Processor	Intel® Core™ X-series processor; Intel® Xeon® W processor
Chipset	Intel C4xx Series Chipset , Intel® X2xx 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) High-end 3D:

	<p>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	512 GB DDR4- 2666/2933 ECC SDRAM (for Intel® W configurations); 256 GB DDR4-2666/2933 non-ECC SDRAM (for Intel® Core™ X configurations) Transfer rates up to 2666 MT/s.
Memory slots	8 DIMM
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	<p>Slim DVD-ROM Slim Blu-ray Writer Slim DVD-Write</p>
Form factor	Micro Tower
Drive Bays	Two 5.25", Two 2.5" or 3.5
Slots	<p>All slots PCIe Gen 3: (2) PCIe x16, (1) PCIe x8 (1) x16 wired as x 4, (1) x16 wired as x1</p>
Primary Storage	<p>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</p>

	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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