




MS processing PC specifications

Processing PC specifications for the Thermo Scientific™ Mass Spectrometry (MS) software applications

	Standard	Advanced	Pro
Processor	Intel® Xeon® w7-3465X 75MB Cache, 28 cores, 56 threads, 2.5GHz to 4.8GHz Turbo 300W	Intel® Xeon® w9-3475X 82.5MB Cache, 36 cores, 72 threads, 2.2GHz to 4.8GHz Turbo 300W	Intel® Xeon® w9-3495X 105MB Cache, 56 cores, 112 threads, 1.9GHz to 4.8GHz Turbo 350W
Memory	64 GB: 2 x 32 GB, DDR5, 4800 MT/s, RDIMM, ECC	128 GB: 4 x 32 GB, DDR5, 4800 MT/s, RDIMM, ECC	256 GB: 4 x 64 GB, DDR5, 4800 MT/s, RDIMM, ECC
Storage	2TB, M.2, PCIe NVMe, SSD, Class 40 4TB, M.2, PCIe NVMe, SSD, Class 40 8TB, 7200 RPM, 3.5-inch, SATA, HDD, AG-Enterprise Class	(2x) 2TB, M.2, PCIe NVMe, SSD, Class 40 (2x) 4TB, M.2, PCIe NVMe, SSD, Class 40 8TB, 7200 RPM, 3.5-inch, SATA, HDD, AG-Enterprise Class	(4x) 4TB, M.2, PCIe NVMe, SSD, Class 40 (1x) 12 TB, 7200 RPM, 3.5-inch, SATA, HDD, AG-Enterprise Class
Chassis	 Dell™ 7690 XL Tower: Height: 430.70mm (16.96in.)/434.20mm (17.09in.) with runner feet Width: 218.00mm (8.58in.) Depth: 538.30mm (21.19in.)/569.15mm (22.41in.) with lock structure Weight: Maximum: 37.56kg (82.82lbs.) Typical: 23.81kg (52.50lbs.) Minimum: 21.04kg (46.39lbs.)		
Operating System	Windows® 11 Pro for Workstations (6 cores plus), English, French, Spanish, Brazilian Portuguese		
Graphics Card	NVIDIA® T1000, 8 GB GDDR6, 4 mDP to DP adapters, 7960T		
Optical Drive	8x DVD-ROM 9.5mm optical disk drive		
Network	RJ45 Ethernet port, 1 GbE RJ45 Ethernet port, 10 GbE		
Power	1400W Power Supply		

The MS Processing PCs are configured and tested by Thermo Fisher Scientific to support our software and associated applications as stand alone PCs or connected to the Thermo Scientific™ Ardia™ Platform. Please contact your local account manager for more information.

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