



711.07845 REV 04 – Monarc Pro 4D ARCL & 3View PC System

Manufacturer: Dell

Model: Precision T7920 XL

Base Unit:	Precision Tower Workstation T7920 XL (210-AMRP, 321-BEOT, 389-CGHR, 329-BBJL)
Processor:	(2) Intel Xeon Silver 4210, 10 core, 2.2 GHz up to 3.2 GHz Turbo, 13.75 MB L3, 9.6 GT/s, 85 W (338-BSQO, 338-BSST, 575-BBPB, 412-AALD, 412-AALE)
Memory:	64 Gb, DDR4 RDIMM, 2666 MHz, ECC; (8) 8 Gb DIMMs (370-ADTS)
Video Card:	(1) nVidia Quadro P1000, 4 Gb GDDR5, 640 CUDA Cores, PCIe v3 x16, 47 W max power consumption, (4) mDP v1.4 connectors, (4) mDP to DP adapters (490-BDTP)
Monitor:	(1) 24" Flat panel display, P2421D, 2560x1440, HDMI/DP connections, 2m DP-DP cable, 3 years Advanced Exchange Service (210-AULL, 814-5380, 814-5381)
HD Configuration:	(4) 3.5" form factor drive bays, can accommodate 3.5" or 2.5" HD/SSD disks (449-BBLT, 411-XXYB)
Hard Drives:	(1) 2.0 Tb, 3.5" SATA, 7200 rpm (400-ASSO)
HD RAID:	No RAID (780-BBCJ)
HD Controller:	Integrated Intel chipset, 6 Gb/s, 6 SATA ports, 2 dedicated optical drive ports (403-BBRL)
Optical Drive:	8x DVD +/-RW, Slimline, SATA (325-BCTX, 429-ABDW, 658-BBTV)
Power Supply:	1400 W, 90% efficiency (470-AATC)
Energy Efficiency:	No Energy Star (387-BBBE)
Operating System:	Windows 10 Professional for Workstations, 64-Bit, English (619-AMSU)
Network Adapter:	Integrated Intel (1) i219 & (1) i210 Gigabit Ethernet controllers
Keyboard:	US English (QWERTY), KB216, wired USB, black (580-ADJC)
Mouse:	MS116 Optical LED tracking, wired USB, 2 buttons, scroll wheel, black (275-BBBW)
Speakers:	Internal
System Recovery:	Windows 10 OS Recovery 64-bit USB (620-ABHP) Precision T5820/T7820/T7920 Resource DVD (430-XYMF)
Expansion Slots:	1 PCIe x8, Gen 3, open ended connector, CPU 0 2 PCIe x16, Gen 3, 75W, CPU 0 (occupied by Video card) 3 PCIe x16, Gen 3, wired as x1, CPU 0 4 PCIe x16, Gen 3, 75W, CPU 0 5 PCIe x16, Gen 3, wired as x4, can accommodate double width card, CPU 0 6 PCIe x16, Gen 3, 75W, can accommodate double width card, CPU 1 7 PCIe x16, Gen 3, 75W, CPU 1
I/O Ports:	Front: (2) USB 3.1 Type A, (2) USB 3.1 Type C, (1) universal audio, (1) SD Rear: (6) USB 3.1 Type A, (2) RJ45, (1) PS/2 keyboard, (1) PS/2 mouse, (1) Serial, (1) Audio line-in, (1) Audio line-out
Service:	3 years ProSupport with NBD Onsite Service (977-5852, 977-5877, 977-5893, 989-3449)
Documentation:	Safety/Environment and Regulatory Guide (340-AGIK) Placemat 7920 Tower (340-BVYE)

Notes:

1. A FireWire 400 (1394a) PCIe adapter card is required for the DigiScan II provided with a Monarc system, this should work in any open expansion slot listed above.
2. If the specific hardware device configuration requires more expansion slots than what is available on the motherboard, an Expansion Enclosure System will also need to be purchased. Reference Gatan p/n# 101780 (StarTech #PEX2PCIE4L)
3. When purchased from Gatan, this system is also provided with (1) USB 3 to RJ45 Gigabit Ethernet adapter. Reference Gatan p/n# 106582

Important: Check with the Software group and Marketing before changing this specification.