GATAN
AMETEK®

711.07845   REV 06 – Monarc Pro 4D ARCL & 3View PC System

Manufacturer: Dell
Model: Precision T7920 XL

Base Unit:	Precision Tower Workstation T7920 XL (210-AMRP, 321-BGVL, 329-BBJL, 389-CGHR)
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 T1000, 4 Gb GDDR6, 896 CUDA Cores, PCIe v3 x16, 50W with (4) mDP v1.4 connectors, (4) mDP to DP adapters (490-BGXV)
Monitor:	(1) 24" Flat panel display, U2422H, 1920x1080, HDMI/DP connections, 2m DP-DP cable, 3 years Advanced Exchange Service (210-AYYV, 814-5380, 814-5381)
HD Configuration:	Intel NVMe PCIe SSD, Front PCIe FlexBay (414-BBBV, 411-XXYB)
Hard Drives:	(1) 2 Tb, NVMe, Class 40, Solid State, M.2 form factor (401-ABPP, 400-AVDR)
HD RAID:	No RAID (780-BBCJ)
HD Controller:	Intel Integrated RST-e for front FlexBay NVMe drives (321-BDFD, 321-BDFE)
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, 6 cores plus, with Windows 11 Pro license, English (619-AQEC)
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 (570-ABIE)
Speakers:	Internal
System Recovery:	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:	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.