Manufacturer: Dell
Model: Precision T5820

Base Unit: Precision Tower Workstation T5820, (210-ANJK, 321-BDCP, 389-CGKG, 329-BBJL)

Processor: (1) Intel Xeon W-2123, 4 cores, 3.6 GHz, 8.25 Mb L3 cache, 120 W, 3.9 GHz max Turbo, Hyper-Threading, 2666 MHz, (338-BNBX, 412-AALF)

Memory: 16 Gb, RDIMM, 2666 MHz, ECC; (2) 8 Gb DIMMs (370-ADTE)

Video Card: (1) nVidia Quadro P400, 2 Gb GDDR5, 256 CUDA Cores, PCIe v3 x16, 30W with (3) mDP v1.4 connections, (3) mDP to DP adapters (490-BECG)

Monitor: (1) 24" Widescreen flat panel display, U2412M, 1920x1200, 72 W max, DVI-D/DP/VGA connections, (480-ADTF)

HD Configuration: Up to (6) 2.5" or up to (5) 3.5" SATA drives (449-BBLT, 411-XXYB)

Hard Drives: (1) 1.0 Tb, 2.5" SATA, 7200 rpm (400-ASSJ)

HD RAID: No RAID

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-BCUD, 429-ABDW, 658-BBVS)

Power Supply: 425 W, 90% efficiency (470-AAKG)

Energy Efficiency: Energy Star (387-BBMZ)

Operating System: Windows 10 Professional for Workstations, 64-Bit, English (619-AMUB)

Network Adapter: Integrated Intel i219 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 DVD (620-AAYW)

Expansion Slots: PCIe x16, Gen 3
PCie x16, Gen 3 (occupied by Video card)
PCie x16, Gen 3, wired as x1
PCie x16, Gen 3, wired as x4
PCie x16, Gen 3, wired as x8
PCI-32

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, (1) 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 (977-7163, 977-7188, 977-7208, 989-3449)

Placemat 5820 Tower (340-BYNM)

Notes:

1. 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:

   PCI Express to 2 PCI & 2 PCIe Expansion Enclosure System – Full Length
   Gatan p/n# 101780 (StarTech #PEX2PCI4L)

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