711.50000  REV 10 – SEM/STEM Standard Products PC System

Manufacturer: Dell
Model: Precision T5820

Base Unit: Precision Tower Workstation T5820, (210-ANJK, 321-BGTI, 329-BBJL)
Processor: (1) Intel Xeon W-2223, 4 cores, 3.6 GHz, 8.25 Mb L3 cache, 120 W, 3.9 GHz max Turbo, Hyper-Thread, 2666 MHz, (338-BUNW, 412-AAFL)
Memory: 16 Gb, RDIMM, 2933 MHz, ECC; (2) 8 Gb DIMMs (370-AESX, 370-AAIP)
Video Card: (1) nVidia Quadro T400, 2 Gb GDDR6, 384 CUDA Cores, PCIe v3 x16, 30W with (3) mDP v1.4 connections, (3) mDP to DP adapters (490-BGZV)
Monitor: (1) 24” Flat panel display, U2422H, 1920x1080, 63 W max, HDMI/DP connections, 2m DP-DP cable, 2m USB 3.0 upstream cable (210-AYYV, 814-5380, 814-5381)
HD Configuration: Up to (6) 2.5” SATA drives (449-BBLT, 411-XXYB)
Hard Drives: (1) 1.0 Tb, 3.5” SATA, 7200 rpm (400-ASSK)
HD RAID: No RAID (780-BBCJ)
HD Controller: Integrated Intel AHCI 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-BBTV)
Power Supply: 425 W, 90% efficiency (389-CGKG, 470-AAKG)
Energy Efficiency: Energy Star (387-BBMZ)
Operating System: Windows 10 Professional for Workstations, 64-Bit, English (619-AMUB)
Network Adapters: Integrated Intel i219 Gigabit Ethernet controllers
(1) 1GbE 2 port PCIe v2 x1, StarTech ST1000SPEXD4
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: Windows 10 OS Recovery 64-bit, no media (620-AALW)
Expansion Slots: PCIe x16, Gen 3
PCIe x16, Gen 3 (occupied by Video card)
PCIe x16, Gen 3, wired as x1 (occupied by NIC card)
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 (997-7163, 997-7188, 997-7208, 989-3449)
Placemat 5820 Tower (340-BYNM)

Notes:
1. Items in blue text are NOT part of the Precision configuration that can ordered if this system is purchased directly from Dell.
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:

   PCI Express to 2 PCI & 2 PCIe Expansion Enclosure System – Full Length
   Gatan p/n# 101780 (StarTech #PEX2PCIE4L)

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