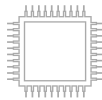# The world's most powerful mobile workstation.

PRECISION 7720

Powerful performance

The Dell Precision 7720 includes the latest 7th Generation Intel® Core™ and Intel® Xeon® processors and choice of NVIDIA Quadro® or Radeon Pro™ professional graphics cards.

Latest technology

World's first VR-ready mobile workstation has the latest technologies including ultra-fast PCIe NVME SSDs and up to 4TB storage with RAID support.

Innovative design

Designed with new technologies and premium materials to create a device that delivers the most performance possible, while being truly mobile and beautiful to look at. View, create and edit your work in stunning detail with an optional 4K Ultra HD display with 100% Adobe RGB color gamut. Dell's cooling solution is so advanced, your most processor-intensive applications will benefit from staying in turbo frequencies longer.

Outstanding reliability

Precision Workstations are tested (Independent Software Vendor certified) to ensure the high-performance applications you rely on every day run smoothly. In addition, every Dell Precision comes with the exclusive Dell Precision Optimizer, which automatically tunes your Workstation to run some of the most popular (ISV) applications at the fastest speeds possible.

Features & Technical Specifications

Feature	Dell Precision 7720 Technical Specifications
Processor[1]	Intel 7th Generations Processors Intel Core Xeon E3-1535M v6 Quad Core Xeon 3.10GHz, 4.20GHz Turbo, 8MB 45W Intel Core Xeon E3-1505M v6 Quad Core Xeon 3.00GHz, 4.00GHz Turbo, 8MB 45W Intel Core i7-7920HQ Quad Core 3.10GHz, 4.10GHz Turbo, 8MB 45W Intel Core i7-7820HQ Quad Core 2.90GHz, 3.90GHz Turbo, 8MB 45W Intel Core i7-7700HQ Quad Core 2.80GHz, 3.80GHz Turbo, 6MB 45W Intel Core i7-7440HQ Quad Core 2.80GHz, 3.80GHz Turbo, 6MB 45W Intel Core i5-7300HQ Quad Core 2.50GHz, 3.50GHz Turbo, 6MB 45W Intel 6th Generation Processors (Available Q2' 2017) Intel Core Xeon E3-1575M v5 Quad Core Xeon 3.00GHz, 3.90GHz Turbo, 8MB 45W Intel Core Xeon E3-1545M v5 Quad Core Xeon 2.90GHz, 3.80GHz Turbo, 8MB 45W Intel Core i7-6920HQ Quad Core 2.90GHz, 3.80GHz Turbo, 8MB 45W Intel Core i7-6820HQ Quad Core 2.70GHz, 3.60GHz Turbo, 8MB 45W
Operating System[2]	Windows™ 7 Pro (64-bit) w/ 6th Gen Processors (Available Q2' 2017), Windows™ 8.1 Pro (64-bit) W/6th Gen Processors (Available Q2' 2017), Windows™ 10 Pro (64-bit) W/ both Processors, Windows™ 10 Home (64-bit) both Processors, Canonical Ubuntu 16.04 SP1, RHEL 7.3 (Available Q2' 2017)
Chipset	Intel Mobile CM238
Memory[3]	4 DIMM slots: up to 64GB DDR4 NECC 2400MHz Up to 64GB DDR4 ECC DDR4 2400MHz Up to 32GB DDR4 2667MHz SuperSpeed memory
Graphics[3]	Radeon Pro WX 4130 with 2GB GDDR5 dedicated memory Radeon Pro WX 7100 with 8GB GDDR5 dedicated memory NVIDIA Quadro M1200 with 4GB GDDR5 dedicated memory NVIDIA Quadro P3000 with 6GB GDDR5 dedicated memory NVIDIA Quadro P4000 with 8GB GDDR5 dedicated memory NVIDIA Quadro P5000 with 16GB GDDR5 dedicated memory Intel® HD Graphics P580, 630
Display Options	17.3” HD+ TN (1600x900) Anti-Glare LED-backlit (42% color gamut) 17.3” UltraSharp™ FHD IPS (1920x1080) Wide View Anti-Glare LED-backlit with Premium Panel Guarantee (72% color gamut) 17.3” UltraSharp™ UHD IGZO (3840x2160) PremierColor Wide View Anti-Glare LED-backlit with Premium Panel Guarantee (100% Adobe color gamut)
Storage Options[4]	Support for three storage devices: two M.2 PCIe solid state drives and one M.2 PCIe/2.5” SATA drive: Dell Fast Response Free Fall Sensor standard Hard Disk Drive (HDD): 2.5” 500GB, 1TB 7200RPM up to 2TB 2.5” 5400RPM SATA 6Gb/s Solid State Drive (SSD): 256GB, 512GB, 512GB SED, 1TB 2.5” SATA 6Gb/s M.2 PCIe NVMe Solid State Drive (M.2 SSD): 256GB, 512GB, 512GB SED, 1TB SSD
Communication Options[5]	**Wired:** Integrated Intel 82580 10/100/1000 Gigabit Ethernet **Wireless LAN & Bluetooth:** Intel® 8265 Dual-Band 2x2 802.11 ac Bluetooth® 4.2, Dell DW1820 2x2 801.11ac + Bluetooth 4.2, **Mobile Broadband:** DW5811e (Gobi 4g/LTE – FMC)
Multimedia	Dual integrated high quality speakers and optional dual integrated noise cancelling digital array microphones MaxxAudio® Pro by Waves Optional integrated light sensitive HD video webcam
I/O Ports and Connectors	1 x SD Card Reader (SD, SDHC, SDXC, supporting up to 2TB); 1 x Thunderbolt® 3; 4 x USB3.0 with PowerShare; 1 x mDP 1.4; 1 x HDMI 1.4; 1 x Headphone and microphone combo jack; 1 x SmartCard Reader
Security[6]	Intel® Platform Trust Technology, Trusted Platform Module (TPM) 1.2/2.0, Chassis lock slot support Support for optional Computrace and Optional Contactless SmartCard Reader/Fingerprint Reader or FIPS Fingerprint Reader
Dimensions	Width: 16.42”/417.04mm x Depth: 11.08”/281.44mm x Height (front-Rear): Front 1.12”/28.5mm – Rear 1.36”/34.49mm
Battery	72Whr Lithium Ion polymer battery; 91Whr Lithium Ion polymer battery; 91Whr long life cycle Ion Polymer battery
Weight[7]	Starting at 3.42kg (7.55lb) with SSD
Power Adaptor	240 Watt AC adapter (7mm barrel)
Regulatory and Environmental Compliance[8]	ENERGY STAR 6.2; EPEAT registered
TAA Configurations available	YES