The world's most powerful mobile workstation.
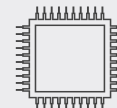
PRECISION 7730

PREMIUM & LIGHTWEIGHT DESIGN

Redesigned to be thinner and lighter the new 17" Precision 7730 is 15% smaller delivering fixed workstation power and performance on the go. Smaller and lighter AC adapters provide maximum mobility while a revolutionary cooling system improves airflow keeping your system cool.

POWERFUL PERFORMANCE

Extract maximum performance from demanding applications with 8th Gen Intel® Core™ and Xeon® 6-core processors. Keep pace with graphic-intensive tasks with Ready for VR next generation Radeon Pro™ and NVIDIA® Quadro® professional graphics.

INDUSTRY LEADING TECHNOLOGY

First to market with leading technology to handle complex workloads, including AI and machine learning technologies with the largest storage capacity available for a mobile workstation up to 8TB. Accelerate heavy workflows with up to 3200MHz SuperSpeed memory and the largest memory capacity for a mobile workstation up to 128GB. Work in stunning detail with support for 8K resolution and HDR via a single cable with DisplayPort 1.4.

PEACE OF MIND

Dell Precision Optimizer Premium is the only AI-based performance optimizer software in the industry to automatically tune your workstation to run popular ISV applications at the fastest speeds possible. Independent Software Vendor (ISV) certified to ensure the high-performance applications you rely on every day run smoothly.

Features & Technical Specifications

Feature	Dell Precision 7730 Technical Specifications
Processor[1]	Intel® 8ᵗʰ Generation Processors Intel® Xeon E-2186M, 6 Core Xeon, 12M Cache, 2.90GHz up to 4.80GHz Turbo, 45W, vPro Intel® Core™ Processor i9-8950HK, 6 Core, 12MB Cache, 2.90GHz up to 4.80GHz Turbo, 45W Intel® Xeon E-2176M, 6 Core Xeon, 12M Cache, 2.70GHz up to 4.40GHz Turbo, 45W, vPro Intel® Core™ Processor i7-8850H, 6 Core, 9M Cache, 2.60GHz up to 4.3GHz Turbo, 45W, vPro Intel® Core™ Processor i7-8750H, 6 Core, 9M Cache, 2.20GHz up to 4.1GHz Turbo, 45W Intel® Core™ Processor i5-8400H, 4 Core, 8M Cache, 2.50GHz up to 4.2GHz Turbo, 45W, vPro Intel® Core™ Processor i5-8300H, 4 Core, 8M Cache, 2.30GHz up to 4.0GHz Turbo, 45W
Operating System[2]	Windows™ 10 Home 64 Windows™ 10 Pro 64 Windows™ 10 Pro for Workstations 64 Ubuntu 16.04 SP1 Red Hat 7.5
Chipset	Intel Mobile CM246
Memory[3]	4 DIMM slots: Up to 64GB 2666MHz DDR4 NECC Up to 128GB 2666MHz DDR4 NECC Up to 32GB 3200MHz SuperSpeed DDR4 NECC Up to 64GB 2666MHz DDR4 ECC
Graphics[3]	Intel HD GFX Radeon Pro WX 4150 w/4GB GDDR5 Nvidia Quadro P3200 w/6GB GDDR5 Radeon Pro WX 7100 w/8GB GDDR5 Nvidia Quadro P4200 w/8GB GDDR5 Nvidia Quadro P5200 w/16GB GDDR5
Display Options	17.3" HD+ TN 1600x900 Anti-Glare, non-touch, FHD camera/mic options, 42% color gamut 17.3" UltraSharp FHD IPS 1920x1080 Anti-Glare, non-touch, FHD/IR camera/mic options, 72% color gamut, w/ Premium Panel Guarantee 17.3" UltraSharp UHD IGZO 3840x2160 Anti-Glare, non-touch, FHD camera/mic, 100% Adobe color gamut, w/ Premium Panel Guarantee
Storage Options[4]	Support for 4 storage devices: Four M.2 PCIe solid state drives or three M.2 PCIe solid state drives and one 2.5" SATA SSD/HDD drive: Dell Fast Response free fall sensor standard Hard Disk Drive (HDD): 2.5" 500GB, 500GB FIPS SED (Check regional availability), 1TB 7200RPM up to 2TB 2.5" 5400RPM SATA 6Gb/s Solid State Drive (SSD): 256GB, 512GB, 512GB SED (Check regional availability), 1TB 2.5" SATA 6Gb/s M.2 PCIe NVMe Solid State Drive (M.2 SSD): 256GB, 512GB, 512GB SED, 1TB SED (Check regional availability), 1TB, 2TB SSD
Communication Options[5]	**Wireless:** Intel Dual Band Wireless AC 9260 802.11ac MU-MIMO 2x2 + Bluetooth 5.0 vPro Qualcomm QCA61x4A 802.11ac Dual Band 2x2 Wireless Adapter + Bluetooth 5.0 Qualcomm QCA6174A Extended Range 802.11ac MU-MIMO Dual Band 2x2 Wi-Fi + Bluetooth 5.0 **Optional Mobile Broadband:** Qualcomm® Snapdragon™ X7 LTE-A DW5811e - CAT 6 LTE Qualcomm® Snapdragon™ X7 LTE-A DW5816e - CAT 6 LTE
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	3 x USB 3.1 Gen 1 ports w/PowerShare, 2 x Thunderbolt 3 type C ports, SD Card reader, mini Display Port 1.4, HDMI port 2.0, Ethernet Port, Headphone jack, FPR optional, IR camera optional, Smartcard reader, contactless Smartcard reader optional
Security[6]	Intel® Platform Trust Technology, Trusted Platform Module (TPM) 2.0 (Check regional availability), Chassis lock slot support Support for optional Computrace and Optional Contactless SmartCard Reader/Fingerprint Reader or FIPS Fingerprint reader (Check regional availability)
Dimensions and Weight[7]	Width X = 16.30" (414.2mm) Depth Y = 10.77" (273.7mm) Height Z = front 1.02" (26.15mm) – rear 1.18" (30.3mm) Starting at 6.99lbs, 3.17kg
Battery	4-cell 64Wh Lithium Ion battery with ExpressCharge™ 6-cell 97Wh Lithium Ion battery with ExpressCharge™ 6-cell 97Wh 3 Year Warranty Lithium Ion battery
Power Adaptor	240 Watt AC adapter
Regulatory and Environmental Compliance[8]	EPEAT registered
TAA Configurations available	YES (Check regional availability)