

# DELL Technologies

## PRECISION 7550

# World's most powerful 15" mobile workstation is also the world's most intelligent.



### PREMIUM & LIGHTWEIGHT DESIGN

The new, premium design of the 7550 is 19% smaller, and actually fits inside of the previous generation. It has a 21% larger touch pad, new Pro 2 keyboard, and top-firing speakers which further sets it apart from the previous generation. Along with the premium materials and masterful craftsmanship all of this adds up to creators, designers and beyond having a powerful system without the stigma of clunky design - putting elegance and performance in your hands instead.

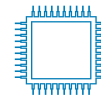
The 7550 was engineered to provide designers and creators, and up to geologist and data scientists a mobile platform with the power of a desktop, so they can take their work with them, where ever they may go.



### IMMERSIVE PRODUCTIVITY

ExpressSign-in identifies you when you walk up, waking your workstation and getting you ramped up quickly. It will also lock your screen when you walk away for an added layer of security.

The new design of the 7550 provides for brighter (800 nits) and up to an HDR600 display, which is 100% Adobe color gamut. There are also low blue light filter, ambient sensing and touch options available that provide for less eye strain and ease of use.



### INTELLIGENT PERFORMANCE

Extract maximum performance from demanding applications with 10<sup>th</sup> Gen Intel® Core™ and Xeon® 8-core processors, up to 128GB of 2933MHz memory and 6TBs of storage. Keep pace with graphic and data-intensive tasks, including VR and AI, with up to NVIDIA Quadro® RTX 5000™ professional graphics. Our advanced and patented thermals keep the system running at peak performance while keeping the system cool and quiet.

Precision workstations feature Dell Optimizer for Precision which uses Artificial Intelligence software to learn how you work and adapts to your style to create a smarter, more-personal experience. The result? Improved system responsiveness, better application performance, smarter use of battery power, storage and audio optimization and more reliable network connectivity.\*\* All from a single console that you manage from WorkspaceOne or Microsoft SCCM—allowing IT staff to deploy, configure, update, and monitor Optimizer remotely.



### MISSION CRITICAL RELIABILITY

All Dell Precision workstations are Independent Software Vendor (ISV) certified to ensure the high-performance applications you rely on every day run smoothly. Also, with Xeon processors you can get Error Correcting Code (ECC) memory which identifies and corrects single bit memory errors. Our exclusive Reliable Memory Technology Pro along with ECC memory to identify and map out bad memory sectors on the DIMM and will alert you when it is at a critical level and needs replacing - providing layers of protection against memory related errors and blue screens.

# Features & Technical Specifications

## PRECISION 7550

Feature	Dell Precision 7550 Technical Specifications	Display Options	15-inch, FHD, 1920 x 1080, 60 Hz, Anti-Glare, Non-Touch, 45% NTSC, 220 Nits, WVA 15-inch, FHD, 1920 x 1080, 60 Hz, Anti-Glare, Non-Touch, 100% DCIP3, 500 Nits, WVA 15-inch, FHD, 1920 x 1080, 60 Hz, Touch, 100% DCIP3, 500 Nits, WVA 15-inch, UHD, HDR 400, 3840 x 2160, 60 Hz, Anti-Glare, Non-Touch, 100% Adobe, 500 Nits, HDR 15.6", UHD HDR 600, 3840 x 2160, Anti-Glare Nontouch 100% Adobe, 800 Nits, HDR
Processor <sup>1</sup>	Intel® Xeon® W-10855M, 12 MB Cache, 6 Cores, 2.80 GHz to 5.10 GHz, 45 W, vPro Intel® Xeon® W-10885M, 16 MB Cache, 8 Cores, 2.40 GHz to 5.30 GHz, 45 W, vPro 10th Generation Intel® Core™ i5-10400H, 8 MB Cache, 4 Cores, 2.60 GHz to 4.60 GHz, 45 W, vPro 10th Generation Intel® Core™ i7-10750H, 12 MB Cache, 6 Cores, 2.60 GHz to 5.0 GHz, 45 W, 10th Generation Intel® Core™ i7-10850H, 12 MB Cache, 6 Cores, 2.70 GHz to 5.1 GHz, 45 W, vPro 10th Generation Intel® Core™ i7-10875H, 16 MB Cache, 8 Cores, 2.30 GHz to 5.10 GHz, 45 W, vPro 10th Generation Intel® Core™ i9-10885H, 16 MB Cache, 8 Cores, 2.40 GHz to 5.30 GHz, 45 W, vPro	Case Cover	Aluminum Titan Gray LCD Cover
Operating System <sup>2</sup>	Windows 10 Home (64-bit) Windows 10 Professional (64-bit) Windows 10 Enterprise (64-bit) Windows 10 Pro Education (64-bit) Windows 10 Professional China (64-bit) Windows 10 Pro for Workstations (64-bit) Ubuntu 18.04 LTS 64-bit RedHat 8.3	Keyboard	Qwerty, White backlit keyboard, 10 key keypad, Spill-resistant, Multimedia keys
Chipset	Intel Mobile WM490	Storage Options <sup>4</sup>	Support for 3 storage devices: Three M.2 PCIe solid state drives M.2 2280, 128 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD M.2 2280, 128 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD M.2 2280, 256 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD M.2 2280, 1 TB, Gen 3 PCIe x4 NVMe, Class 40 SSD M.2 2280, 2 TB, Gen 3 PCIe x4 NVMe, Class 40 SSD M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Class 40 SED SSD M.2 2280, 128 GB, Gen 3 PCIe x4 NVMe, Class 50 SSD M.2 2280, 256 GB, Gen 3 PCIe x4 NVMe, Class 50 SSD M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Class 50 SSD M.2 2280, 1 TB, Gen 3 PCIe x4 NVMe, Class 50 SSD M.2 2280, 2 TB, Gen 3 PCIe x4 NVMe, Class 50 SSD
Memory <sup>3</sup>	8 GB, 1 x 8 GB, DDR4, 2666 MHz, ECC, SODIMM 16 GB, 1 x 16 GB, DDR4, 2666 MHz, ECC, SODIMM 16 GB, 2 x 8 GB, DDR4, 2666 MHz, ECC, SODIMM 32 GB, 1 x 32 GB, DDR4, 2666 MHz, ECC, SODIMM 32 GB, 2 x 16 GB, DDR4, 2666 MHz, ECC, SODIMM 32 GB, 4 x 8 GB, DDR4, 2666 MHz, ECC, SODIMM 64 GB, 4 x 16 GB, DDR4, 2666 MHz, ECC, SODIMM 128 GB, 4 x 32 GB, DDR4, 2666 MHz, ECC, SODIMM 8 GB, 1 x 8 GB, DDR4, 2933 MHz, Non-ECC, SODIMM 16 GB, 1 x 16 GB, DDR4, 2933 MHz, Non-ECC, SODIMM 16 GB, 2 x 8 GB, DDR4, 2933 MHz, Non-ECC, SODIMM 32 GB, 1 x 32 GB, DDR4, 2933 MHz, Non-ECC, SODIMM 32 GB, 2 x 16 GB, DDR4, 2933 MHz, Non-ECC, SODIMM 32 GB, 4 x 8 GB, DDR4, 2933 MHz, Non-ECC, SODIMM 64 GB, 4 x 16 GB, DDR4, 2933 MHz, Non-ECC, SODIMM 128 GB, 4 x 32 GB, DDR4, 2933 MHz, Non-ECC, SODIMM 8 GB, 1 x 8 GB, DDR4, SuperSpeed 3200 MHz, Non-ECC, SODIMM 16 GB, 1 x 16 GB, DDR4, SuperSpeed 3200 MHz, Non-ECC, SODIMM 16 GB, 2 x 8 GB, DDR4, SuperSpeed 3200 MHz, Non-ECC, SODIMM 32 GB, 4 x 8 GB, DDR4, SuperSpeed 3200 MHz, Non-ECC, SODIMM	Communication Options <sup>5</sup>	Intel® Wi-Fi 6 AX201, 2 x 2, 802.11ax with MIMO, Bluetooth 5.1 Qualcomm® Snapdragon™ X20 LTE (DW5821e)
Graphics <sup>3</sup>	Intel® UHD Graphics 630 Intel® UHD Graphics P630 NVIDIA® Quadro® T1000, 4 GB, GDDR6 NVIDIA® Quadro® T2000, 4 GB, GDDR6 NVIDIA® Quadro® RTX3000, 6 GB, GDDR6 NVIDIA® Quadro® RTX4000, 8 GB, GDDR6 NVIDIA® Quadro® RTX5000, 16 GB, GDDR6	Multimedia	Dual integrated high quality speakers and optional dual integrated noise cancelling digital array microphones MaxxAudio® Pro by Waves HD Camera (optional) IR camera (optional)
		I/O Ports and Connectors	1 RJ-45 port 10/100/1000 Mbps 1 USB 3.2 Gen 1 Type-A port 1 USB 3.2 Gen 1 Type-A port with PowerShare 2 USB 3.2 Gen 2 Type-C Thunderbolt 3 ports 1 HDMI 2.0 port 1 Mini DisplayPort 1.4 1 Universal Audio Jack 1 SD card slot 1 Smart card reader slot 1 Micro SIM card slot
		Productivity Software	Microsoft Office 30 Day Trial Microsoft Office Home and Business 2019 Microsoft Office Professional 2019
		Security <sup>6</sup>	Intel® vPro™ Technology (iAMT 12) (optional, requires Intel WiFi® Link WLAN and a vPro compatible processor), Dell Client Command Suite available (dell.com/command), Factory Installed Dell Client Command   Update, Dell Command   Power Manager, Wedged-shaped lock Hardware Security TPM 2.0 discrete FIPS 140-2 certification for TPM TCG Certification for TPM (Trusted Computing Group) ControlVault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification Fingerprint Reader with Control Vault 3 Contacted Smart Card and Control Vault 3 Contactless Smart Card, NFC, and Control Vault 3 FIPS 201 Full Scan FPR and Control Vault 3 Statement of Non-Volatility

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<b>Security software</b>	McAfee® Small Business Security 30 Day Free Trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36-month subscription	<b>Warranty</b>	3 Years Hardware Service with Onsite/In-Home Service After Remote Diagnosis 4 Years Hardware Service with Onsite/In-Home Service after Remote Diagnosis 5 Years Hardware Service with Onsite/In-Home Service after Remote Diagnosis 3 Years ProSupport with Next Business Day Onsite Service 4 Years ProSupport with Next Business Day Onsite Service 5 Years ProSupport with Next Business Day Onsite Service 3 Years ProSupport Plus with Next Business Day Onsite Service 4 Years ProSupport Plus with Next Business Day Onsite Service 5 Years ProSupport Plus with Next Business Day Onsite Service
<b>Dimensions and Weight<sup>7</sup></b>	Width X = 14.1" (360mm) Depth Y= 9.5" (242mm) Height Z= front .98" (25mm) – rear 1.08" (27.36mm) Starting at 5.5lbs, 2.49kg		
<b>Battery</b>	6-cell, 68 WHr, Lithium-ion, ExpressChargeBoost™ 6-cell, 95 WHr, Lithium-ion, ExpressChargeBoost™ 6-cell, 95 WHr, Lithium-ion LLC, Long Life Cycle		
<b>Power Adaptor</b>	180W adaptor, 7.4mm barrel		
<b>Regulatory and Environmental<sup>8</sup> Compliance</b>	Regulatory Model: P74F Regulatory Type: P74F002 ENERGY STAR 8.0 Qualified EPEAT Registered. For specific country participation and rating, please see <a href="http://www.epeat.net">www.epeat.net</a> BFR/PVC free <sup>9</sup> Trade Agreements Acts (TAA) configurations available	<b>Accidental Damage Services</b>	3 Years Accidental Damage Service 4 Years Accidental Damage Service 5 Years Accidental Damage Service

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