DELLTechnologies

PRECISION 5550

Beauty and performance collide.
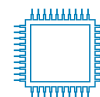# Designed to Impress.

STUNNING DESIGN

The newly designed 5550 is 6% smaller than the previous generation and is the perfect balance of performance and elegance. With an amazing 92% display to body ratio and the lightweight combination of aluminum and carbon fiber, it delivers the ultimate 15" mobile workstation platform for your creative and design applications. Boasting up to an HDR400, 4-sided InfinityEdge, 16:10 aspect ratio display, as well as diamond cut sidewalls and machined speaker grills, it is both vibrant and visually stunning.

POWERFUL PERFORMANCE

Deliver the power for maximum performance for demanding professional software with 10th Gen Intel® Core™ and Xeon®, up to 8-core processors, the performance of your NVIDIA Quadro® T2000 (4GB) graphics, 64GB of 2933MHz memory (with ECC memory options), 4TBs of storage and also 2 Type C Thunderbolt ports for super fast data transfers. You don't have to compromise performance with this small, lightweight workstation. In fact, go ahead and fuel your creative talents and look great while doing it.

ADVANCED THERMAL DESIGN

Thermal technologies, some of which are Advanced, Dell patented thermal technologies, are essential to the smaller designed systems which provide more performance than the previous generation. Internal designs from dual fans and dual heat pipes to hidden exhaust venting through the hinge, keep the system running cool and quietly while tackling intensive workloads. Now, you and your workstation can be cool under pressure.

TESTED AND OPTIMIZED

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 Dell SCCM—allowing IT staff to deploy, configure, update, and monitor Optimizer remotely. All Precision workstations are also tested and certified by leading software vendor so you can trust your software applications will run reliably and with rich functionality.

Recommended Accessories

PRECISION 5550

ON-THE-GO

DELL USB-C MOBILE ADAPTER DA300

Connect your Precision to almost any device with a convenient 6 -in-1 compact adapter, to collaborate from any location.

JABRA EVOLVE 75

The Evolve 75 is a wireless headset with superior Active Noise Cancellation and integrated busy-light to enhance your productivity.

TIMBUK2 - AUTHORITY FOR DELL - 15"

Designed specifically for Dell, the Timbuk2-Authority backpack is built to carry and protect everything you need for the workday. The internal organizer provides ample space for laptop accessories and any extra items you need to carry.

AT THE DESK

DELL THUNDERBOLT™ DOCK | WD19TB

Work at full speed with Dell's powerful Thunderbolt Dock. Charge your system faster, support up to three 4K displays and connect to your peripherals via a single cable.

DELL ULTRASHARP 27 4K MONITOR WITH PREMIER COLOR | U2720Q

Create on your terms with the world's first 27" 4K monitor with built-in colorimeter* and Thunderbolt™ 3.

DELL PREMIER WIRELESS KEYBOARD AND MOUSE | KM717

Enhance productivity and enjoy its elegant design that will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth LE.

CREATORS AND ENGINEERS

DELL ULTRASHARP 49 CURVED MONITOR | U4919DW

Enjoy a revolutionary 49-inch dual QHD curved monitor with ultra wide views, multitasking features and seamless USB-C connectivity for an immersive work experience.

3DCONNEXION SPACEMOUSE WIRELESS

3Dconnexion's patented 6-Degrees-of-Freedom (6DoF) sensor is specifically designed to manipulate digital content or camera positions in the industry-leading CAD applications. Simply push, pull, twist or tilt the 3Dconnexion controller cap to intuitively pan, zoom and rotate your 3D drawing.

X-RITE COLORIMETER i1DISPLAY PRO

The i1Display Pro ensures a perfectly calibrated and profiled display while delivering the speed, options and flexibility needed to maintain color accuracy.

Features & Technical Specifications

Feature	Dell Precision 5550 Technical Specifications
Processor[1]	10th Generation Intel® Processors, up to Xeon® and Core™ i9 Intel® Core™ Processor i9-10885H, 8 Core, 16MB Cache, 2.40GHz up to 5.30GHz Turbo, 45W, vPro Intel® Core™ Processor i7-10875H, 8 Core, 16MB Cache, 2.30GHz up to 5.10GHz Turbo, 45W, vPro Intel® Xeon W-10855M, 6 Core Xeon, 12M Cache, 2.80GHz up to 5.10GHz Turbo, 45W, vPro Intel® Core™ Processor i7-10850H, 6 Core, 12M Cache, 2.70GHz up to 5.1GHz Turbo, 45W, vPro Intel® Core™ Processor i7-10750H, 6 Core, 12M Cache, 2.60GHz up to 5.0GHz Turbo, 45W Intel® Core™ Processor i5-10400H, 4 Core, 8M Cache, 2.60GHz up to 4.6GHz Turbo, 45W, vPro
Operating System[2]	Microsoft® Windows 10 Pro 64 bit Microsoft® Windows 10 Pro for Workstations 64 bit Microsoft® Windows 10 Home 64 bit Ubuntu 18.04 LTS 64-bit Red Hat® Enterprise Linux® 8.2 (Certification Only)
Chipset	Intel® Mobile WM490
Memory[3]	8 GB, 1x8 GB, DDR4, 2933 MHz, Non-ECC SDRAM 16 GB, 2x8 GB, DDR4, 2933 MHz, Non-ECC SDRAM 32 GB, 2x16 GB, DDR4, 2933 MHz, Non-ECC SDRAM 64 GB, 2x32 GB, DDR4, 2933 MHz, Non-ECC SDRAM 8 GB, 1x8 GB, DDR4, 2933 MHz, ECC SDRAM 16 GB, 2x8 GB, DDR4, 2933 MHz, ECC SDRAM 32 GB, 2x16 GB, DDR4, 2933 MHz, ECC SDRAM 64 GB, 2x32 GB, DDR4, 2933 MHz, ECC SDRAM
Graphics[3]	Intel® UHD Graphics P630 (on Xeon Onlly) Intel® UHD Graphics 630 NVIDIA Quadro® T1000 w/4GB GDDR6 NVIDIA Quadro® T2000 w/4GB GDDR6
Display Options	15.6-inch, FHD+ 1920 x 1200 InfinityEdge, 60 Hz, anti-glare, low blue light, non-touch, 500 nits, sRGB 100% min, wide-viewing angle Gorilla Glass, 15.6-inch UHD+, 3840 x 2400 InfinityEdge , 60 Hz, anti-reflective, low blue light, touch, 500 nits, 100% AdobeRGB, wide-viewing angle
Storage Options[4]	Support for two M.2 storage devices with RAID options.: M.2 2230, 256 GB, Gen 3 PCIe x4, NVMe, Class 35 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, Opal Self-Encrypting Class 40 SSD M.2 2280, 1 TB, Gen 3 PCIe x4, NVMe, Opal Self-Encrypting Class 40 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
Communication Options[5]	Intel® Wi-Fi 6 AX201 2x2 (Gig+) + Bluetooth 5.1 Intel® Wi-Fi 6 AX201 2x2 (Gig+) (No Bluetooth)
Multimedia	Dual integrated high quality speakers and dual integrated noise cancelling digital array microphones standard MaxxAudio® Pro by Waves Integrated light sensitive IR video webcam
I/O Ports and Connectors	Thunderbolt 3 type C Thunderbolt 3 type C (Power Delivery) USB 3.2 Gen 2 Type-C Display port Universal Audio port SD Card reader FingerPrint reader on power button Note: All Precision 5550 workstations ship with a dongle that supports HDMI and USB-A.

Features & Technical Specifications

Feature	Dell Precision 5550 Technical Specifications
Security[6]	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 Intel® Platform Trust Technology Trusted Platform Module (TPM) 2.0 Chassis wedge-shaped security lock Support for Computrace and external SmartCard Reader Touch Fingerprint Reader with Control Vault 3.0 (Advanced Authentication with FIPS 140-2 Level 3 Certification)
Dimensions	Width X = 13.56" (344.4mm) Depth Y = 9.07" (230.3mm) Height Z = front 0.30" (7.7mm) – rear 0.46" (11.6mm)
Chassis color	Aluminum - Titan Gray
Battery	3 Cell, 56 Whr Lithium Ion Polymer, ExpressCharge™ Capable Battery 6 Cell, 86 Whr Lithium Ion Polymer, ExpressCharge™ Capable Battery
Weight[7]	1.84kg (4.06lb) with FHD non-touch panel and SSD
Power Adaptor	90 W AC adapter, USB Type-C 130 W AC adapter, USB Type-C
Regulatory and Environmental Compliance[8]	Regulatory Model: TBA Regulatory Type: TBA ENERGY STAR EPEAT Registered. For specific country participation and rating, please see www.epeat.net BFR/PVC free[9] Trade Agreements Acts (TAA) configurations available
TAA Configurations available	YES (Check regional availability)

MODERNIZE YOUR IT WITH
DELL TECHNOLOGIES UNIFIED WORKSPACE

Dell Technologies Unified Workspace intelligently modernizes end user experiences for seamless productivity with proactive, predictive and automated solutions for deployment, security, management and support.

DEPLOY

ProDeploy in the Unified Workspace allows you to move away from traditional, high-touch, manual deployment, and instead, ship devices preconfigured with company apps and settings from the Dell factory directly to their end users—having end users up and working on day one.

SECURE

Dell Trusted Devices provide a foundation to a modern workforce environment with invisible and seamless protection to ensure smarter, faster experiences. End users stay productive and IT stays confident with modern security solutions for the Dell Trusted Device.

MANAGE

Dell Client Command Suite + VMware Workspace ONE offers integrated capabilities that deliver a unified endpoint management experience to customers so they can manage firmware, OS, apps from one console.

SUPPORT

ProSupport resolves hardware issues up to 11x faster than the competition. ProSupport for PCs offers 24x7 access to in-region ProSupport engineers who contact you when critical issues arise,[1] so you can focus on what's next, not what just happened.ProSupport Plus helps you stay a step ahead and virtually eliminate unplanned downtime due to hardware issues. You get all the capabilities of ProSupport, as well as AI-driven alerts to prevent failures and repairs for accidents.[2]

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1 Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: http://facts.pt/L52XKM

2 Based on a Principled Technologies test report, "Dell ProSupport Plus with SupportAssist warns you about hardware issues so you can fix them before they cause downtime" dated April 2019. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: http://facts.pt/0xvze8. Hardware issues detected by SupportAssist include hard drives, solid state drives, batteries and fans.

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Make Genius Real