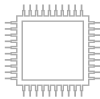# Workstation performance made affordable.

PRECISION 3520

Powerful performance

The Dell Precision 3520 has the power of a workstation at a price comparable to a PC. It is fully customizable with your choice of Intel® Core™ or Intel® Xeon® processors and NVIDIA Quadro® professional graphics.

Latest technology

Faster 2400MHz DDR NECC & ECC Memory and higher capacity batteries help you power through the day. Various ports, including USB Type C with optional Thunderbolt™ 3 keeps you connected to all the tools you need.

Innovative design

An enhanced new design focused on improving productivity and mobility is smaller and more compact weighing in at less than 5 pounds. Three different 15" display options, ranging from affordable HD Panel to a high resolution FHD Panel and FHD touch Panel allows you to customize to your needs. 100% single cable docking makes multitasking easy.

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 3520 Technical Specifications
Processor[1]	Intel 7th Generation Processors Intel Core i5-7300HQ (Quad Core 2.50GHz, 3.50GHz Turbo, 6MB 35W) Intel Core i5-7440HQ (Quad Core 2.80GHz, 3.80GHz Turbo, 6MB 35W) Intel Core i7-7700HQ (Quad Core 2.80GHz, 3.80GHz Turbo, 6MB 35W) Intel Core i7-7820HQ (Quad Core 2.90GHz, 3.90GHz Turbo, 8MB 35W) Intel Core Xeon E3-1505M v6 (Quad Core Xeon 3.0GHz, 4.00GHz Turbo, 8MB 35W) Intel 6th Generation Processors (Available Q2' 2017) Intel Core i5-6440HQ (Quad Core 2.60GHz, 3.50GHz Turbo, 6MB 35W) Intel Core i7-6820HQ (Quad Core 2.70GHz, 3.60GHz Turbo, 8MB 35W)
Operating System[2]	Windows™ 7 Pro (64-bit) w/Intel 6th Gen Processors only (Available Q2' 2017) Windows™ 8.1 Pro (64-bit) w/Intel 6th Gen Processors only (Available Q2' 2017) Windows™ 10 Pro (64-bit) w/ Intel 6th & 7th Gen Processors Red Hat Enterprise Linux (RHEL) 7.3 w/ Intel 7th Gen Processors only (Available Q2' 2017) Canonical Ubuntu 16.04 SP1 W/Intel 7th Gen Processors only NeoKylin v6.0 SP3 w/Intel 7th Gen Processors only (China only)
Chipset	Intel Mobile CM238
Memory[3]	2 DIMM slots – Max memory up to 32GB 2400Mhz NECC / ECC
Graphics[3]	Nvidia Quadro M620 w/2GB GDDR5 dedicated memory Intel® Integrated HD Graphics 630 / P630 Intel® Integrated HD Graphics 530 / P530
Display Options	15.6" HD TN (1366x768) Anti-Glare LED-backlit (45% color gamut) 15.6" FHD IPS (1920x1080) Wide View Anti-Glare LED-backlit (72% color gamut) 15.6" FHD IPS Touch (1920x1080) Wide View LED-backlit (72% color gamut)
Storage Options[4]	2.5" Hard Disk Drive (HDD): 500GB 7200RPM, 1TB 5400RPM, 2TB 5400RPM, 500GB 7200 SED FIPS M.2 SATA Solid State Drive (SSD): 128GB, 256GB, 360GB, 512GB, 1TB SATA SSD, 512GB SATA SED SSD M.2 PCIe Solid State Drive (SSD): 256GB, 512GB, 1TB NVMe PCIe SSD
Input	Dual Pointing Keyboard: Standard or Backlit Option Multi-touch Touchpad
Communication Options	**Wired:** Integrated Intel i218LM 10/100/1000 Gigabit Ethernet Controller **Wireless LAN & Bluetooth:** Intel® Dual Band Wireless – AC 8260 802.11AC Wi-Fi Wireless Card (No BT) Intel® Dual Band Wireless – AC 8260 802.11AC Wi-Fi + BT 4.1 LE Wireless Card Qualcomm QCA61x4A 802.11ac Dual Band (2x2) Wireless Adapter+ Bluetooth 4.1 **Mobile Broadband:** Dell Wireless™ DW5811e Snapdragon™ LTE Mobile Broadband (Check regional availability) Dell Wireless™ DW5811e Snapdragon™ for Indonesia and China
Multimedia	Dual integrated high quality speakers and 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 4.0 Memory Card Reader; 1 x USB Type C Port (w/Optional Thunderbolt 3); 3 x USB3.0 - 1 x PowerShare Capable; 1 x HDMI 1.4; 1 x VGA; 1 x Headphone/ microphone combo jack; 1 x RJ-45 Network Connector, Optional SIM Card slot
Security[5]	Intel® Platform Trust Technology, Trusted Platform Module (TPM) 1.2/2.0, Chassis lock slot support; Support for optional Computrace and Optional SmartCard Reader; Fingerprint reader or FIPS Fingerprint reader
Dimensions	Width: 14.80"/376 mm x Depth: 9.87"/250.65 mm x Height: 0.96"/24.3 mm
Battery	4-cell, 68Whr Lithium Ion polymer battery with Express Charge 6-cell, 92Whr Lithium Ion polymer battery with Express Charge 4-cell, 68Whr Long Life Cycle Lithium Ion Polymer battery (Coming soon)
Weight[6]	Starting at 4.81 lbs with a 4-cell battery and HD non-touch panel
Power Adaptor	130 Watt AC adapter (7mm barrel)
Regulatory and Environmental Compliance[7]	ENERGY STAR 6.2; EPEAT registered
TAA Configurations available	YES

Essential Accessories

PRECISION 3520

Dell 27 Ultra HD
Monitor | P2715Q

Dell Thunderbolt™
Dock | TB16

Dell Wireless Premium
Keyboard & Mouse
Combo | KM717

Some options available only in select regions; ISV certification applies to select configurations:

[1] Intel Turbo Boost mode only available on Xeon, Core i7 and Core i5 processors. Intel Integrated HD graphics only available with select processors.

[2] A 64-bit operating system is required to support 4GB or more of system memory.

[3] GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

[4] GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

[5] Computrace is not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.absolute.com/en/about/legal/agreements.

[6] Weights vary depending on configuration and manufacturing variability.

[7] See epeat.net for specific registration rating/status by country. For a complete listing of declarations & certifications, see Dell's regulatory & compliance homepage at dell.com/regulatory_compliance. Availability and terms of Dell Services vary by region. For more information, visit Dell.com/servicecontracts/global; Limited Hardware Warranty available by writing Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty; Onsite Service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.