Features & Technical Specifications

Feature	Precision 3630 Tower Technical Specifications
Processor Options[1]	8th generation Intel Core i7 (Including I7-8700K Processor) and i5 and i3; Intel® Xeon® E Processors Intel Turbo Boost Technology and Intel Integrated HD Graphics on select Processors; optional vPro™ Technology (coming soon)
Operating System Options[2]	Windows® 10 Professional (64 bit) Windows® 10 Pro for Workstations (64 bit) w/ Intel Xeon processors Windows® 10 Home (64 bit) Red Hat® Enterprise Linux® 7.5 (coming soon) Ubuntu Linux 16.04 NeoKylin 6.0 SP3 (China only)
Chipset	Intel® C246 Chipset
Memory Options[3]	4 Dimm Slots; Up to 64GB 2666Mhz Non-ECC & ECC DDR4 Memory
Graphics Options[3]	One PCI Express® x16 Gen 3 Graphics card up to 225W (Total for Graphics) (Some cards available in Dual Config) **Mid-range 3D cards:** AMD Radeon Pro WX 7100 AMD Radeon Pro WX 5100 & Dual WX 5100 AMD Radeon Pro WX 4100 & Dual WX 4100 NVIDIA Quadro P4000 & Dual P4000 NVIDIA Quadro P5000 NVIDIA Quadro P2000 & Dual P2000 **Entry 3D cards:** AMD Radeon Pro WX 3100 & Dual WX 3100 AMD Radeon Pro WX 2100 & Dual WX 2100 NVIDIA Quadro P1000 & Dual P1000 NVIDIA Quadro P620 & Dual P620 NVIDIA Quadro P400 & Dual P400 **Professional 2D cards:** Intel HD Graphics 630 **Consumer Graphics:** AMD Radeon RX 580 NVIDIA GTX 1060 NVIDIA GTX 1080
Storage Options[4]	Support for up to (1) M.2 PCIe SSD on motherboard slot and Up to (3) 3.5" SATA or (4) 2.5" SATA. Support for Intel Ready Mode technology Support for up to (1) additional PCIe SSD on Dell Precision Ultra-Speed drive (x8) with active cooling **M.2 PCIe SSD (NVMe)** Up to (1) 2TB on M/B Up to (1) 2TB on Dell Precision Ultra-Speed drive **2.5" SATA SSD** Up to (4) 1TB **2.5" SATA 7200 RPM** Up to (4) 1TB 7200 RPM **3.5" SATA** Up to (3) 4TB 5400 RPM Up to (3) 2TB 7200 RPM **Self Encrypting Drives** 500GB 2.5" 7200 RPM 512GB M.2 NVMe SSD 512 GB 2.5" SSD
Storage Controller	**Integrated:** Intel Rapid Storage Controller 12.0 supporting SATA 6Gb/s and host based RAID 0/1/5/10
Communications	**Integrated:** Intel Ethernet Connection I219-LM 10/100/1000 **Optional:** Intel 10/100/1000 PCIe Gigabit Networking card Aquantia® AQtion™ AQN-108 5/2.5 GbE NIC Adapter **Optional:** Wireless / Bluetooth w / vPro support

Feature	Precision 3630 Tower Technical Specifications
Audio Controller	Integrated Realtek ALC3861 High Definition Audio Codec (2 Channel)
Speakers	Internal Speaker; Optional Dell 2.0 stereo speaker systems available and Dell sound bar for select flat-panel displays
Add-in cards	Support for up to (1) additional PCIe SSD on Dell Precision Ultra-Speed drive (x8) with active cooling **Optional:** Thunderbolt 3 PCIe Card Serial and Parallel Port PCIe Card (Full Height) USB Type-C 3.1 Gen 2 PCIe Card (Full Height) Powered USB 3.1 PCIe Card Remote Access Host Card, Tera2 Smart Card Reader (CAC/PIV)
I/O Ports	**Front** 2 - USB 2.0 Type A 1 - USB 3.1 Type A (5Gb) 1 - USB 3.1 Type C (10Gb), data only 1 - Microphone 1 - Headphone **Internal** 1 – USB 3.0 4 – SATA 6Gb/s **Rear** 2 - USB 2.0 Type A (with SmartPower) 4 - USB 3.1 Type A (5Gb) 2 - PS2 2 - DisplayPort 1 - Optional Port (VGA, HDMI 2.0, DP++ 1.2, Type C w/DP-Alt mode) 1 - RJ45 Network Connector 1 - Serial 1 - Audio Line out
Chassis	**HxWxD:** 13.19" x 6.95" x 13.58" (33.5cm x 17.7cm x 34.5cm), Min weight: 9.358Kg **Bays:** (3) internal 3.5" bays - supports (3) 3.5" or (4) 2.5" drives **Slots:** (1) Full Height PCIe x16 Gen3; (2) Full Height PCIe x4 Gen3 (open ended); (1) Full Height PCI; (1) M.2 (22x80 mm) **Power Supply:** 460W 90% efficient PSU (80PLUS Gold Certified Certified) Energy Star compliant; 300W 85% efficient PSU (80PLUS Bronze Certified) Energy Star Compliant
Storage devices	Optional: 1 optical drive: DVD-ROM; DVD+/-RW, Blu Ray Writer (Note: optical drive not available with Smart Card Reader (CAC/PIV)) SD Card Reader
Security Options[5]	Trusted Platform Module TPM 2.0, Dell Data Guardian, Dell Endpoint Security Suite Enterprise, Dell HW Crypto Accelerator, Microsoft Windows Bitlocker, Local HDD data wipe via BIOS ("Secure Erase"), Encryption - SED HDD (Opal FIPS), Chassis lock slot support, Chassis Intrusion Switch, D-Pedigree (Secure Supply Chain Functionality), Setup/BIOS Password, Optional Smart Card keyboards, Intel® Trusted Execution Technology, Intel® Identity Protection Technology, Dell Secure Works, BIOS support optional Computrace, Intel Software Guard extensions
Systems Management[6]	Dell Client Command Suite; via vPro (coming soon)
Regulatory & Environmental	ENERGY STAR® configurations available including 80 PLUS® Bronze and Gold power supplies (Bronze not available in the Americas); EPEAT® registered (see epeat.net for specific registration rating/status by country); China CECP; GS Mark. For a complete listing of declarations & certifications, see Dell's regulatory & compliance homepage at dell.com/regulatory_compliance
Warranty & Support Services[7]	3-Year Limited Hardware Warranty and 3-year NBD On-Site Service after Remote Diagnosis Optional: Dell ProSupport is designed to rapidly respond to your business's needs, help protect your investment and sensitive data and provide enhanced proactive support services to help reduce risk and complexity within your IT environment