



# Workstation performance and reliability in an expandable mini tower.



## DELL PRECISION TOWER 3000 SERIES (3620)



### Powerful performance

The Dell Precision Tower 3000 Series has the power of a workstation at a price comparable to a PC. Fully customizable with your choice of 7th Generation Intel® Core™, 6th Gen Intel® Core™ or Intel® Xeon® E3-1200 v5 processors.



### Latest technology

Featuring a choice of NVIDIA Quadro® or AMD FirePro™ professional graphics card, faster NECC and ECC DDR4 memory and optional Thunderbolt® 2 add-in card to provide you with the performance to make the most of your time.



### Advanced storage

Optional PCIe SSD Storage can be configured via a PCIe M.2 Slot on the motherboard, as well as on an actively cooled Dell Precision Ultra-Speed drive Duo, delivers exceptional read/write storage performance.



### 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	Precision Tower 3000 Series 3620 Technical Specifications
<b>Processor Options<sup>1</sup></b>	7th generation Intel Core i7 (Including i7-7700K Processor) and i5; 6th generation Intel Core i7, i5 and i3; Intel® Xeon® Processor E3-1200 v5 Family;; Intel Turbo Boost technology(5) and Intel Integrated HD Graphics on select Processors; optional vPro™ Technology
<b>Operating System Options<sup>2</sup></b>	Windows® 10 Professional (64 bit) Windows® 10 Pro for Workstations (64 bit) w/ Intel Xeon processors Windows® 10 Home (64 bit) Windows® 8.1 Professional (64-Bit) w/6th Gen Intel CPU Windows® 8.1 Home (64 bit) w/6th Gen Intel CPU Windows® 7 Professional (32-bit) w/6th Gen Intel CPU Windows® 7 Professional (64-Bit) w/ 6th Gen Intel CPU Red Hat® Enterprise Linux® 7.2 w/ 6th Gen Intel CPU Red Hat® Enterprise Linux® 7.3 Ubuntu Linux 14.04 w/ 6th Gen Intel CPU Ubuntu Linux 16.04 w/ 7th Gen Intel CPU NeoKylin 6.0 SP2 (China only) w/ 6th Gen Intel CPU NeoKylin 6.0 SP3 (China only) w/ 7th Gen Intel CPU
<b>Chipset</b>	Intel® C236 Chipset
<b>Memory Options<sup>3</sup></b>	4 Dimm Slots; Up to 64GB 2400Mhz Non-ECC & ECC DDR4 Memory (2400Mhz memory clocks down to 2133Mhz when paired with 6th Gen Intel Processors)  One PCI Express® x16 Gen 3 Graphics card up to 150W (Total for Graphics) (Some cards available in Dual Config) <b>Mid-range 3D cards:</b> AMD Radeon Pro WX 7100 AMD Radeon Pro WX 5100 AMD Radeon Pro WX 4100 & Dual WX 4100 AMD FirePro W7100 AMD FirePro W5100 NVIDIA Quadro P4000 NVIDIA Quadro P2000 NVIDIA Quadro M4000 NVIDIA Quadro M2000 NVIDIA Quadro K2200 NVIDIA Quadro K1200 <b>Entry 3D cards:</b> AMD Radeon Pro WX 3100 & Dual WX 3100 AMD Radeon Pro WX 2100 & Dual WX 2100 AMD FirePro W4100 & Dual W4100 AMD FirePro W2100 & Dual W2100 NVIDIA Quadro P1000 & Dual P1000 NVIDIA Quadro P600 & Dual P600 NVIDIA Quadro P400 & Dual P400 NVIDIA Quadro K620 & Dual K620 NVIDIA Quadro K420 & Dual K420 <b>Professional 2D cards:</b> NVIDIA NVS 510 & Dual 510 NVIDIA NVS 315 & Dual NVS 315 NVIDIA NVS 310 & Dual 310 Intel HD Graphics 530/P530 (w/ 6th Gen Intel CPU) Intel HD Graphics 630/P630 (w/7th Gen Intel CPU) <b>Consumer Graphics:</b> NVIDIA GTX 1060
<b>Graphics Options<sup>3</sup></b>	Support for up to (1) M.2 PCIe SSD on motherboard slot and Up to (2) 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 <b>M.2 PCIe SSD (NVMe)</b> Up to (1) 1TB on M/B Up to (1) 1TB on Dell Precision Ultra-Speed drive <b>2.5" SATA SSD</b> Up to (4) 512GB <b>2.5" SATA 7200 RPM</b> Up to (4) 1TB 7200 RPM <b>3.5" SATA</b> Up to (2) 4TB 5400 RPM Up to (2) 2TB 7200 RPM <b>Self Encrypting Drives</b> 500 GB 7200 RPM or 512GB 2.5" SSD
<b>Storage Options<sup>4</sup></b>	

<b>Storage Controller</b>	<b>Integrated:</b> Intel Rapid storage Controller 12.0 supporting SATA 6Gb/s and host based RAID 0/1/5/10
<b>Communications</b>	<b>Integrated:</b> Intel Ethernet Connection I219-LM 10/100/1000 <b>Optional:</b> Intel 10/100/1000 PCIe Gigabit Networking card
<b>Feature</b>	<b>Precision Tower 3000 Series 3620 Technical Specifications</b>
<b>Audio Controller</b>	Integrated Realtek ALC3861 High Definition Audio Codec (2 Channel)
<b>Speakers</b>	Internal Speaker; Optional Dell 2.0 stereo speaker systems available and Dell sound bar for select flat-panel displays
<b>Add-in cards</b>	Optional Thunderbolt 2 PCIe Card (coming soon) Optional 1394 a/b PCIe Card (3 Ports – 2x 1394b + 1x 1394a) Optional Serial/Parallel Port PCIe Card Support for up to (1) additional PCIe SSD on Dell Precision Ultra-Speed drive (x8) with active cooling
<b>I/O Ports</b>	<b>Front</b> 2 – USB 2.0 2 – USB 3.0 1 – Microphone 1 – Headphone <b>Internal</b> 1 – USB 2.0 4 – SATA 6Gb/s <b>Rear</b> 2 – USB 2.0 4 – USB 3.0 2 – PS2 2 – DisplayPort 1 – HDMI 1 – RJ45 Network Connector 1 – Serial 1 – Audio Line in/Microphone 1 – Audio Line out
<b>Chassis</b>	<b>HxWxD:</b> 14.17" x 6.89" x 17.12" (36cm x 17.5cm x 43.5cm) <b>Bays:</b> (2) internal 3.5" bays - supports (2) 3.5" or (4) 2.5" drives; (2) external 5.25" optical bays <b>Slots:</b> (1) Full Height PCIe x16 Gen3; (1) Full Height PCIe x16 Gen 3 (wired x4); (1) Full Height PCIe x4 Gen3; (1) Full Height PCI; (1) M.2 (22x80 mm) <b>Power Supply:</b> 365W 90% efficient PSU (80PLUS Gold Certified Certified) Energy Star compliant; 290W 85% efficient PSU (80PLUS Bronze Certified) Energy Star Compliant
<b>Storage devices</b>	Optional: Up to 2 optical drives: DVD-ROM; DVD+/-RW, Blu Ray Writer, 19-in-1 Media Card reader installed in 5.25" bay
<b>Security Options</b>	Trusted Platform Module TPM 1.2/2.0, Dell Data Protection  Security Tools, Dell Data Protection  Encryption, 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 Computrace5 , Intel Software Guard extensions
<b>Systems Management<sup>6</sup></b>	Dell Client Command Suite; Out of Band management support via vPro
<b>Regulatory &amp; Environmental</b>	ENERGY STAR® configurations available including 80 PLUS® Platinum power supplies; 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 <a href="http://dell.com/regulatory_compliance">dell.com/regulatory_compliance</a>
<b>Warranty &amp; Support Services<sup>7</sup></b>	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

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

<sup>1</sup> Intel Turbo Boost mode only available on Xeon, Core i7 and Core i5 processors. Intel Integrated HD graphics only available with select processors.

<sup>2</sup> A 64-bit operating system is required to support 4GB or more of system memory.

<sup>3</sup> GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

<sup>4</sup> 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

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

<sup>6</sup> Systems Management Options: Intel® vPro Technology - Fully vPro-capable at point of purchase; the vPro systems management option requires vPro processors. Includes support for Intel Advanced Management Technology (AMT) 9.x. Intel® Standard Manageability - Fully enabled at point of purchase, the Intel Standard Management option is a subset of the AMT features. ISM is not upgradeable to vPro technology post-purchase. No Out-of-Band Systems Management - This option entirely removes Intel out of band systems (OOB) management features. The system can still support in band management. OOB management support through AMT cannot be upgraded post-purchase.

<sup>7</sup> Availability and terms of Dell Services vary by region. For more information, visit [Dell.com/servicecontracts/global](http://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](http://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](http://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.

# Essential Accessories



DELL PRECISION TOWER 3000 SERIES (3620)



Dell 24 Ultra HD 4K  
Monitor | P2415Q



Dell Wireless Keyboard &  
Mouse – KM714



Dell Dual Monitor Stand



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