



# The world's most powerful 1U rack workstation.

PRECISION 3930 XL Rack



## DELL OEM XL - WHEN STABILITY AND LONGER LIFE MATTER

Dell OEM XL offerings provide the stability, visibility and longevity you need from the #1 Worldwide OEM provider. Focus your time more on innovation for competitive differentiation and less on the hardware running it. Dell OEM knows that every change has an impact. This is why Dell OEM XL offerings ensure that the processor and chipset never change through the life of the platform. If there is to be a key component change, a 3-month in advance notification is provided. An 18-month platform transition is also provided upon the next generation platform launch, so that you can take the time you need for testing, validation and certifications of your solution on the new product before making the transition.



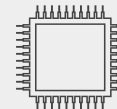
### COMPACT INDUSTRIAL DESIGN

A short-depth and narrow design delivers better rack density and a smaller footprint ideal for space-constrained workspaces. Extended operating temperatures and a compact form-factor facilitates a seamless integration into complex OEM medical imaging and industrial automation solutions.



### ROOM TO GROW

Up to 20TB of Solid State PCIe storage delivers high performance for complex projects. Expandability with up to 3 PCIe slots with an option to add PCI legacy cards allows you to scale with your business needs.



### PROFESSIONAL POWER

Impressive affordability and workstation-class performance with 8<sup>th</sup> Gen Intel® Core™ and Xeon® processors, 64GB memory, and up to one double-width 250W of NVIDIA Quadro® or Radeon™ Pro professional graphics support. In addition, Dell Precision Optimizer Premium is the only AI-based performance optimizer software in the industry to automatically tune your workstation to run popular ISV applications at the fastest speeds possible.



### REMOTE PEACE OF MIND

Experience versatile, secure and fast remote 1:1 user access with optional Teradici PCoIP technology with support for dual and quad display zero clients. Seamlessly integrates into your datacenter, bringing data, heat and noise isolation with reduced clutter at your desk, without sacrificing your budget.

# Features & Technical Specifications

## PRECISION 3930 XL RACK



### 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.



### DELL WYSE 5030

Extremely compact and energy efficient, the Wyse 5030 connects to Teradici host cards in a Dell rack workstation to provide a remote workstation experience with lossless video as well as connection to dual FHD monitors.



### DELL ULTRASHARP 24 MONITOR | U2417H

Get up to 18% more done with dual monitors, and see more with virtually borderless InfinityEdge. With 23.8 inch Full HD displays, you'll see vividly clear visuals across an ultrawide viewing angle.



### DELL DUAL MONITOR ARM

Support and suspends two monitors at once with a sleek, modern design that enhances your workplace aesthetic and provides comfortable viewing of two monitors.



### 3DCONNEXION SPACEMOUSE PRO WIRELESS

SpaceMouse Pro Wireless handles 3D navigation for a revolutionary two-handed work style preferred by the world's top 3D professionals. Intuitively examine and analyze your designs from every angle.



### X-RITE COLORIMETER iDISPLAY PRO

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

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### SECURE

Only Dell provides innovative data security solutions that meet security challenges and business concerns head-on to protect your most critical and at-risk asset, your data. With Dell Data Security solutions, end users can work where and how they want knowing that data is protected.

- Dell Data Guardian protects data where ever it goes.
- Dell Endpoint Security Suite, powered by Cylance, stops up to 99% of malware.



### MANAGEABLE

Part of the world's most manageable line of commercial PCs featuring the free Dell Client Command Suite toolkit for flexible and automated BIOS and system configurations. Optional vPro extensions allow for out-of-band systems management.



### RELIABLE

Precision Workstations are Independent Software Vendor (ISV) certified to ensure the high-performance applications you rely on every day run smoothly. In addition Dell commercial PCs have the lowest reported failure rate.

# Features & Technical Specifications

Feature	Precision 3930 XL Rack Technical Specifications
Processor <sup>1</sup>	8 <sup>th</sup> Generation Intel Core i3, i5 and i7; Intel Xeon Processor E-2100 Family Intel Turbo Boost technology and Intel Integrated HD Graphics on select Processors and optional vPro Technology.
Operating System <sup>2</sup>	Windows <sup>®</sup> 10 Pro for Workstations (up to 4 Cores) Windows <sup>®</sup> 10 Pro for Workstations (4 cores plus) Windows <sup>®</sup> 10 Pro Standard Windows <sup>®</sup> 10 Home Windows <sup>®</sup> 10 Home Plus Windows <sup>®</sup> 10 Home Advanced Red Hat <sup>®</sup> Enterprise Linux <sup>®</sup> 7.5 (coming soon) Ubuntu Linux 16.04
Chipset	Intel C246
Memory <sup>3</sup>	Dual channel UDIMM memory up to 64GB 2666MHz DDR4 Non-ECC & ECC Memory  One PCI Express <sup>®</sup> x16 Gen 3 double width Graphics card or Two PCI Express x 8 Gen 3 Graphics single width graphics cards up to 250W
Graphics <sup>3</sup>	<b>High end 3D cards:</b> NVIDIA Quadro P5000 NVIDIA Quadro P6000 <b>Mid-range 3D cards:</b> NVIDIA Quadro P4000 NVIDIA Quadro P2000 <b>Entry 3D cards:</b> AMD Radeon Pro WX 4100 NVIDIA Quadro P400 <b>Consumer Graphics:</b> NVIDIA GTX 1080 Support for Intel Integrated graphics on Core and select Xeon
Storage Options <sup>4</sup>	Support for up to (2) M.2 PCIe SSD on motherboard slot and Up to (2) 3.5" SATA or (4) 2.5" SATA. Support for up to up to (2) additional PCIe SSD on Dell Precision Ultraspeed drive (x8) with active cooling <b>M.2 PCIe SSD (NVMe)</b> Up to (2) 512GB Up to (2) 1TB Up to (2) 2TB <b>2.5" SATA SSD</b> Up to (4) 256GB Up to (4) 512GB Up to (4) 1TB <b>2.5" SATA SMR 5400 RPM</b> Up to (4) 2TB <b>2.5" SATA 7200 RPM</b> Up to (4) 1TB Up to (4) 2TB Enterprise (coming soon) <b>3.5" SATA 7200 RPM</b> Up to (2) 500GB Up to (2) 2TB Up to (2) 2TB Enterprise (coming soon) Up to (2) 4TB Enterprise Up to (2) 8TB Enterprise <b>Self Encrypting Drives</b> Up to (4) 2.5" 500GB 7200 RPM Up to (2) M.2 PCIe SSD 512GB Up to (2) M.2 PCIe SSD 256GB <b>Optane Memory</b> M.2 SSD 32GB Optane Memory
Communications	<b>Integrated:</b> 1Gb Intel and 10Gb Aquantia Ethernet Connections
Network Cards	Intel <sup>®</sup> i210-single port 1Gb Ethernet Network Daughter Card (1 x 1 Gb ports) Intel <sup>®</sup> X550-Dual Port 10GbE (2 X 10 Gb)
1:1 Remote Workstation Access Solutions	<b>Optional:</b> Teradici Dual and Quad display PCoIP <sup>™</sup> PCIe remote access host cards Wyse 5030 PCoIP Dual-display Zero clients Amulet Hotkey DXZ4 Quad-display Zero clients Teradici PCoIP software clients for Windows, Mac, IOS, Android and ChromeOS available from Teradici
Manageability <sup>5</sup>	Intel <sup>®</sup> vPro <sup>™</sup> Technology's advanced management features (optional, requires Intel WiFi <sup>®</sup> Link WLAN)

# Features & Technical Specifications

<b>Add-in cards</b>	<b>Optional:</b> Dell Precision Ultra-Speed Drive Duo (x8) with active cooling and support for up to 2 M.2 NVMe PCIe SSDs Serial Port PCIe Card (1 port) Thunderbolt Card (2 ports) USB 3.1 10Gb/s Type C Card (2 ports) Dual and Quad display Teradici PCoIP PCIe remote workstation access cards
<b>I/O Ports</b>	<b>Front</b> 1- Audio Jack 1- USB 3.1 Type C 2 - USB 3.1 Type A 1- SD Card Reader <b>Internal</b> 1 - USB 3.1 Type A (supports USB storage key) <b>Rear</b> 2 - USB 3.1 Type C/iGFX Display Port 1 - Remote Power Switch connector (for OEM) 1 - Serial port 2 - RJ45 Network
<b>Chassis<sup>6</sup></b>	<b>HxWxD:</b> 1.68" (42.8 mm) x 18.98" (482.0 mm) x 23.19" (589.1 mm) with Bezel or 22.74" (577.6 mm) without Bezel   Weight 19.27lb (8.74 kg) <b>Slots:</b> Three add-in card slots available Chassis Choice of 2 Risers for Slot 1 (bottom) & 2 (top): Riser 1A: Support for PCIe Cards Riser 1B: Support for PCI legacy cards <b><u>With PCIe riser 1A:</u></b> All Slots PCIe Gen 3. Up to 1 double-width x16 card supported Slot 1 (bottom): Full Height Double width PCIe16 Gen 3 or Single Width PCIe8 Gen Slot 2 (top): Full Height Single Width PCIe8 Gen 3 <b><u>With PCI legacy riser 1B:</u></b> Slot 1 (bottom): Full Height PCI 32/33 Slot 2 (top): Full Height PCI 32/33 Fixed Riser for Slot 3 (on all chassis): Full Height Single Width PCIeX4 Gen 3 <b>Power Supply:</b> One or two redundant hot pluggable 550W (80PLUS Platinum certified)
<b>Security Options (Check regional availability)</b>	Trusted Platform Module (TPM 2.0); chassis Intrusion switch; Setup/BIOS Password; I/O Interface Security; lockable front bezel, Dell Data Guardian, Dell Endpoint Security Suite Enterprise, Kensington Lock and Padlock
<b>Regulatory and Environmental</b>	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 <b>Optional:</b> 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
<b>TAA</b>	YES (check regional availability)



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<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> System memory may be used to support graphics, depending on system memory size and other factors.

<sup>4</sup> Hard Drive capacity varies with preloaded material and will be less.

<sup>5</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>6</sup> Weights vary depending on configuration and manufacturing variability.

<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.

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