INTELLIGENT PERFORMANCE
Power through the most complex, demanding applications more quickly with a new generation of dual-socket performance with the Intel® Xeon® Scalable Processor family featuring up to 28 cores per processor. System memory is expandable up to 3TB of faster 2933MHz with select processors. In addition, every Dell Precision comes with the exclusive Dell Optimizer for Precision software, which automatically tunes your workstation to run applications at the fastest speeds possible. DO-P also optimizes things like WiFi connections, battery usage and charging, sign-in speeds and audio quality.

LATEST TECHNOLOGY
Ready for complex projects, including artificial intelligence and virtual reality workflows, with next generation AMD Radeon Pro™ and NVIDIA RTX professional graphics. No project is too big with up to 112TB of total storage featuring enterprise class SATA hard drives and Dell Precision Ultra-Speed drives with up to 8 M.2 PCIe NVMe SSDs.

MISSION-CRITICAL RELIABILITY
Ideal for secure remote users (1:1) the industrial 2U design fits seamlessly into your datacenter and delivers the same power and scalability as our highest-performing tower workstation. The Integrated Dell Remote Access Controller (iDRAC) allows you to deploy, update, monitor and maintain remote workstations with ease.

INNOVATIVE DESIGN
Ultimate performance and security in a 2U form factor.
Essential Accessories

PRECISION 7920 RACK

Dell Wyse 5030
Teradici PCoIP Zero clients for VMware and Amazon WorkSpaces built for CAD, 3D solids modeling, video editing and more.

Dell Wireless Premium Keyboard & Mouse Combo | 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 Ultrasharp Monitor | U2719D
See fine details and true-to-life color on this 27” QHD monitor in an innovative, stylishly thin design.

Dual Monitor Stand - MDS19
Optimize your desk space with a small footprint and impressive cable management features. Mount up to two 27” monitors without tools.

3Dconnexion SpaceMouse 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 i1Display Pro
The i1Display Pro ensures a perfectly calibrated and profiled display while delivering the speed, options and flexibility needed to maintain color accuracy.
Built for business

Dell Technologies Unified Workspace

Dell Technologies Unified Workspace is the most comprehensive solution to deploy, secure, manage and support virtually all devices from the cloud. We designed this revolutionary solution with intelligence and automation providing you with visibility across the entire endpoint environment. We help you save time, improve user experience, optimize resources and strengthen security.

Our modern deployment solution, ProDeploy in the Unified Workspace allows you to revolutionize the way deployment gets done. By spending just one hour for set up, IT can then hand deployment to Dell and have preconfigured systems shipped directly to the end users--wherever they are.

Dell Endpoint Security for the Unified Workspace helps you manage growing cyber risks while embracing workforce transformation. With Dell SafeGuard and Response powered by Secureworks, you gain actionable insight to help you quickly and efficiently prevent, detect and respond to cyber-attacks - keeping your environment free from harm.

We integrated our hardware management solution Dell Client Command Suite with VMware Workspace ONE, allowing you to take advantage of unified endpoint management (UEM) and manage the firmware, operating system and applications for all devices from the Workspace ONE console. UEM simplifies the management of the entire environment saving IT time from having to work between separate consoles for PCs and phones.

ProSupport Plus continues to be the only predictive and proactive support in the market. When compared to key competitors, ProSupport Plus with SupportAssist reduced time to resolve a failed hard drive with up to 11x faster time to resolution*.

## Features & Technical Specifications

### PRECISION 7920 RACK

#### Processor Options
One or two Intel Xeon Scalable Processor family CPUs (2nd generation) with up to 28 cores per processor and Intel Advanced Vector Extensions, Intel Trusted Execution Technology, Intel AES New instructions, Optimized Intel Turbo Boost

#### Operating System Options
- Windows® 10 Pro for Workstations (up to 6 Cores)
- Windows® 10 Pro for Workstations (8 Cores Plus)
- Red Hat Enterprise Linux 8.0
- Ubuntu Linux 20.04

#### Chipset
Intel® C621 (Lewisburg)

#### Memory Options
- Six channel memory up to 2TB 2933MHz DDR4 ECC memory with dual CPUs, up to 3TB with select “L” CPU SKUs
- Up to 6TB with Intel® Optane™ Persistent Memory
- 24 DIMM Slots (12 DIMMs per CPU). Note: memory speed is dependent on specific Intel Xeon Scalable Processor CPU installed

#### Graphics Options
- Support for up to 4 PCI Express x16 Gen 3/4 graphics cards
- Up to 3 x 295W double width graphics cards in dual CPU configurations.

#### Storage Options
- Support for up to (8) 2.5” SATA SSD
- Storage controller with 4 ports (total 8) each for HDD/SSD.
- One port for optical drive
- Intel vROC software 0, 1, 5, 10 supported across 4 SATA ports on 1st controller only. (Maximum 4 drives in RAID set)

#### Network Daughter Cards
- Base: Intel® i350-Quad port 1Gb Ethernet Network Daughter Card (4 x 1Gb ports)
- Optional: Intel® X550-Dual port 10Gb + Intel i350 Dual port 1Gb Ethernet Network Daughter card (2 x 10Gb + 2 x 1Gb ports)
- Intel® X710* Dual port 10Gb DA/SFP+, Intel® X350 Dual port 1Gb Ethernet Network Daughter card
- Integrated: Integrated Broadcom® BCM54210 Ethernet LAN 10/100/1000 for iDRAC9 controller use with System Management tool suite

#### Storage Controller
- Integrated: 2 x Intel chipset AHCI 6Gb/s SATA controllers with 4 ports (total 8) each for HDD/SSD.
- Intel vROC software RAID 0, 1, 5, 10 option
- PERC H740P PCI-e SAS 12Gb/s (SATA 6Gb/s) Hardware RAID PCIe controller with 4GB cache (Super Cap backup), RAID 0/1/5/10 (no JBOD)

#### 1:1 Remote Workstation Access Solutions
- Optional: Teradici Dual and Quad display PCoIP™ PCIe remote access host cards
- Wyse 5030 and Amulet Hotkey DX24 PCoIP Zero clients. Teradici PCoIP software clients for Windows, Mac, iOS, Android and ChromeOS available from Teradici. Teradici Cloud Access Plus SW host also available.
## Manageability
Dell OpenManage™ portfolio options that include Dell’s exclusive Integrated Dell Remote Access Controller (iDRAC) with Lifecycle Controller – includes one VGA graphics connection.

## Add-in cards
Optional: Dell Precision Ultra-Speed Drive Duo (HH/HL,x8 card) and Ultra-Speed Drive Quad (FH/FL,x16 card) with active cooling. Support for up to 2 and 4 M.2 NVMe PCIe SSDs respectively.

USB 3.1 (Gen 2) 10Gb/s Type C card (2 ports) 1 DP pass-through port Optional: Dual & quad (FH card) display Teradici PCoIP PCIe remote workstation access cards. Full height and low profile bracket versions of dual display card available.

Note: driver and firmware support is solely provided by Teradici.

Serial Port PCIe Card (single port)

## I/O Ports

<table>
<thead>
<tr>
<th>Location</th>
<th>Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
<td>2 - USB 3.2 Gen 1 Type A</td>
</tr>
<tr>
<td>Internal</td>
<td>1- USB 3.2 Gen 1 Type A - supports standard USB storage key</td>
</tr>
<tr>
<td>Rear</td>
<td>2 - USB 3.2 Gen 1 Type A</td>
</tr>
</tbody>
</table>

## Chassis

| Dimensions | 3.41” x 17.0” x 28.37” (29.78” with bezel); 86.8mm x 482mm x 715.5mm (751.3mm with bezel) |
| Bays       | (1) external slimline optical bay; (8) front accessible 3.5” bays (support total of (8) 3.5” or 2.5” HDD/SSD drives) |
| Slots      | All slots PCIe Gen 3, (6) PCIe full height/full length slots, (1) PCIe full height/half length slot, (1) PCIe low profile/full length slot |
| Supported  | Up to (3) double width x16 cards supported. All slots x16 mechanically, |
|            | - With single CPU – (1) x x16, (1) x x8, (1) x x8 half length, (1) x x8 low profile PCIe slots |
|            | - With dual CPUs (2) x x16, (2) x x8 PCIe slots |

## Power Supply
One or two redundant hot pluggable 1100W – 90% efficient (80PLUS Gold Certified), Available 1600W PSU in non-redundant mode @220V is required for certain configurations.

## Storage devices
Slimline options: DVD-ROM; DVD+/-RW

## Security Options
Trusted Platform Module (TPM 1.2 or TPM 2.0); chassis Intrusion switch; Setup/BIOS Password; I/O Interface Security; lockable front bezel, Dell Data Guardian, Dell Endpoint Security Suite Enterprise

## Regulatory and Environmental
For a complete listing of declarations & certifications, see Dell’s regulatory & compliance homepage at dell.com/regulatory_compliance

## Warranty & Support Services
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
ISV certification applies to select configurations:
1 GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
3 Computrace is not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.absolute.com/en/about/legal/agreements.
4 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.
5 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.

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