DELL Technologies

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Intelligent desktops built to deliver ultimate expandability and performance.

FASTER USER EXPERIENCES

Optimize the performance of your top 5 apps with the built-in artificial intelligence of Dell Optimizer Express Response. New ExpressConnect automatically joins the strongest access point and directs bandwidth to critical applications. Available with dual M.2 SSD option and USB Type-C 3.2 Gen 2x2 (20Gbps) provides 2x faster transfer speeds than previous generation. Experience speedier multitasking, powerful data analytics and strong connectivity with integrated Intel® Wi-Fi 6 (WiFi 802.11ax).

POWER THROUGH YOUR WORKDAY

Built with up to 11th gen Intel® Core™ i9 processors, experience the most powerful OptiPlex yet. The OptiPlex 7090 tower features a 125W CPU and up to 128GB 3200MHz DDR4 RAM to deliver uncompromising performance.

READY FOR VR

IMMERSIVE PRODUCTIVITY

Experience better visuals for 3D rendering and 4K monitor use, even with the micro which supports discrete graphics. The new tower is optimized for commercial virtual reality experiences. Designed to support high-end, ready for VR, 220W-class graphics cards, including NVIDIA® GEForce® RTX 3070, the tower can tackle graphic intensive workloads easily.

BUILT SMART

The 18L tower delivers more expansion options while maintaining a compact design for the modern workspace. It is responsibly built with a high ratio of post-consumer recyclable (PCR) content. The cooling ventilation design of the front bezel maximizes air intake to keep your system cool under heavy workloads.

Recommended Accessories

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

CUSTOM STANDS AND MOUNTS

OPTIPLEX MICRO ALL-IN-ONE STAND

Small footprint mounting solution adapts to your environment, with cable management and monitor height adjustability, tilt, swivel and pivot functions.

OPTIPLEX MICRO ALL-IN-ONE MOUNT FOR DELL E SERIES MONITORS

This mount allows the Micro to be VESA mounted to select Dell E Series displays.

OPTIPLEX MICRO DUAL VESA MOUNT WITH ADAPTER BRACKET

Mount your system between two VESA compatible devices. Includes an adapter box to securely house the system's power adapter.

OPTIPLEX MICRO DVD+/-RW ENCLOSURE

Mount your system on a wall or under a surface with a VESA-compatible DVD+/-RW encolusure with full optical drive access. Includes an adapter box to securely house the system's power adapter.

OPTIPLEX MICRO VESA MOUNT WITH ADAPTER BRACKET

Mount your system on a wall or under a desk Includes an adapter box to securely house the system's power adapter.

DELL SINGLE MONITOR ARM - MSA20

Minimize your footprint with this arm that offers easy installation and enhanced adjustability while keeping cables neatly hidden from view.

OPTIPLEX SMALL FORM FACTOR ALL-IN-ONE STAND

Small footprint mounting solution featuring integrated monitor power and Ethernet cables, as well as monitor adjustability with height, tilt, swivel and pivot functions.

PURPOSE-BUILT SOLUTIONS

DELL 27 MONITOR - P2720D

See more and do more with a 27" QHD monitor that expands your workspace and gives you a better view of all your important tasks.

DELL ULTRASHARP 24 MONITOR - U2422H

Take your work to new heights with this 23.8-inch FHD monitor with a wide color coverage. Features ComfortView Plus an always-on built-in low blue light screen, fast connectivity and transfer speeds.

DELL PROFESSIONAL SOUND BAR - AE515M

Optimize conference calls and multimedia streaming with exceptional audio clarity. Minimize background noise while on calls with the dual mic array and echo cancellation feature.

DELL PREMIER MULTI-DEVICE WIRELESS KEYBOARD AND MOUSE - KM7321W

Multi-task seamlessly across 3 devices with this premium full size keyboard and sculpted mouse combo with programmable shortcuts and 36 months battery life.

DELL WIRED MOUSE WITH FINGERPRINT READER - MS819

Wired mouse with fingerprint reader offers convenient and secure login and online access without passwords.

DELL PRO WIRED HEADSET - WH3022 (COMING SOON)

Experience exceptional audio clarity with this Teams certified wired headset that allows you to wear the microphone on either side for a customized fit.

OPTIPLEX CABLE COVERS

Thermally tested custom cable covers offer an easy to install and attractive way to manage cables and secure ports.

OPTIPLEX DUST FILTERS

Custom dust filters safeguard internal components in factory, warehouse, or retail environments.

Workforce Modernization

It's more than a concept; it's our approach to modernizing your workforce. Our products, solutions and services support your IT team and help your employees work from home, the office, or a combination of both — simplifying and streamlining their work-life even if they're always on the move.

Dell Software & Services Solutions

END USER DEVICES

Provide the right device with the right software for any setting to give employees satisfaction and business perspective.

SUPPORT

Automatically detect and proactively prevent issues through predictive analytics. Use our AI-driven insights to resolve issues remotely or leave time-consuming support issues in our hands with 24x7 access to our hardware and software experts.

DEPLOY

Quickly get employees to work and save valuable IT time by provisioning applications at the factory and shipping ready-to-use devices directly to employees wherever they work.

MANAGE

Take advantage of the console of your choice to set up, configure, monitor and update your entire endpoint fleet. Securely deliver and manage applications from the cloud, giving users smooth access to any device, including from other vendors.

SECURE

Use intelligent solutions that secure endpoints from both above and below the OS. Prevent, detect and remediate attacks. Detect outside attacks that have altered the BIOS. Encrypt sensitive data on devices and in the cloud. Protect credentials with built-in hardware.

aaS

You can enjoy modernization through different consumption models:
Traditional cash purchase outright or as fixed monthly plan with no upfront investment.

[1] Source: ESG Remote Work Report, 2020
[2] Source: Dell User Group Pulse Survey March 2020

Features & Technical Specifications

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Feature	OptiPlex 7090 Technical Specifications[1]
Processors[1]	**Tower:** 10th Generation Intel® Core™ i5-10400, 12MB Cache, 6 Core, 12 Treads, 2.9GHz to 4.3GHz, 65W 10th Generation Intel® Core™ i5-10500, 12MB Cache, 6 Core, 12 Treads, 3.1GHz to 4.5GHz, 65W 10th Generation Intel® Core™ i5-10600, 12MB Cache, 6 Core, 12 Treads, 3.3GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i7-10700, 16MB Cache, 8 Core, 16 Treads, 2.9GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i9-10900, 20MB Cache, 10 Core, 20 Treads, 2.8GHz to 5.2GHz, 65W 10th Generation Intel® Core™ i3-10105, 6 MB Cache, 4 Core, 8 Threads, 3.7 GHz to 4.4 GHz, 65 W 10th Generation Intel® Core™ i3-10305, 8 MB Cache, 4 Core, 8 Threads, 3.8 GHz to 4.5 GHz, 65 W 10th Generation Intel® Core™ i5-10505, 12 MB Cache, 6 Core, 12 Threads, 3.2 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11400, 12 MB Cache, 6 Core, 12 Threads, 2.6 GHz to 4.4 GHz, 65 W 11th Generation Intel® Core™ i5-11500, 12 MB Cache, 6 Core, 12 Threads, 2.7 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11600, 12 MB Cache, 6 Core, 12 Threads, 2.8 GHz to 4.8 GHz, 65 W 11th Generation Intel® Core™ i7-11700, 16 MB Cache, 8 Core, 16 Threads, 2.5 GHz to 4.9 GHz, 65 W 11th Generation Intel® Core™ i9-11900, 16 MB Cache, 8 Core, 16 Threads, 2.5 GHz to 5.2 GHz, 65 W 11th Generation Intel® Core™ i7-11700K, 16 MB Cache, 8 Core, 16 Threads, 3.6 GHz to 5.0 GHz, 125 W 11th Generation Intel® Core™ i9-11900K, 16 MB Cache, 8 Core, 16 Threads, 3.5 GHz to 5.3 GHz, 125 W **Small Form Factor:** 10th Generation Intel® Core™ i5-10400, 12MB Cache, 6 Core, 12 Treads, 2.9GHz to 4.3GHz, 65W 10th Generation Intel® Core™ i5-10500, 12MB Cache, 6 Core, 12 Treads, 3.1GHz to 4.5GHz, 65W 10th Generation Intel® Core™ i5-10600, 12MB Cache, 6 Core, 12 Treads, 3.3GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i7-10700, 16MB Cache, 8 Core, 16 Treads, 2.9GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i9-10900, 20MB Cache, 10 Core, 20 Treads, 2.8GHz to 5.2GHz, 65W 10th Generation Intel® Core™ i3-10105, 6 MB Cache, 4 Core, 8 Threads, 3.7 GHz to 4.4 GHz, 65 W 10th Generation Intel® Core™ i3-10305, 8 MB Cache, 4 Core, 8 Threads, 3.8 GHz to 4.5 GHz, 65 W 10th Generation Intel® Core™ i5-10505, 12 MB Cache, 6 Core, 12 Threads, 3.2 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11400, 12 MB Cache, 6 Core, 12 Threads, 2.6 GHz to 4.4 GHz, 65 W 11th Generation Intel® Core™ i5-11500, 12 MB Cache, 6 Core, 12 Threads, 2.7 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11600, 12 MB Cache, 6 Core, 12 Threads, 2.8 GHz to 4.8 GHz, 65 W 11th Generation Intel® Core™ i7-11700, 16 MB Cache, 8 Core, 16 Threads, 2.5 GHz to 4.9 GHz, 65 W 11th Generation Intel® Core™ i9-11900, 16 MB Cache, 8 Core, 16 Threads, 2.5 GHz to 5.2 GHz, 65 W **Micro:** 10th Generation Intel® Core™ i5-10400T, 12MB Cache, 6 Core, 12 Treads, 2.0GHz to 3.6GHz, 35W 10th Generation Intel® Core™ i5-10400, 12MB Cache, 6 Core, 12 Treads, 2.9GHz to 4.3GHz, 65W 10th Generation Intel® Core™ i5-10500T, 12MB Cache, 6 Core, 12 Treads, 2.3GHz to 3.8GHz, 35W 10th Generation Intel® Core™ i5-10500, 12MB Cache, 6 Core, 12 Treads, 3.1GHz to 4.5GHz, 65W 10th Generation Intel® Core™ i5-10600T, 12MB Cache, 6 Core, 12 Treads, 2.4GHz to 4.0GHz, 35W 10th Generation Intel® Core™ i5-10600, 12MB Cache, 6 Core, 12 Treads, 3.3GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i7-10700T, 16MB Cache, 8 Core, 16 Treads, 2.0GHz to 4.5GHz, 35W 10th Generation Intel® Core™ i7-10700, 16MB Cache, 8 Core, 16 Treads, 2.9GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i9-10900T, 20MB Cache, 10 Core, 20 Treads, 1.9GHz to 4.6GHz, 35W 10th Generation Intel® Core™ i9-10900, 20MB Cache, 10 Core, 20 Treads, 2.8GHz to 5.2GHz, 65W 10th Generation Intel® Core™ i3-10105T, 6 MB Cache, 4 Core, 8 Threads, 3.0 GHz to 3.9 GHz, 35 W 10th Generation Intel® Core™ i3-10105, 6 MB Cache, 4 Core, 8 Threads, 3.7 GHz to 4.4 GHz, 65 W 10th Generation Intel® Core™ i3-10305T, 8 MB Cache, 4 Core, 8 Threads, 3.0 GHz to 4.0 GHz, 35 W 10th Generation Intel® Core™ i3-10305, 8 MB Cache, 4 Core, 8 Threads, 3.8 GHz to 4.5 GHz, 65 W 10th Generation Intel® Core™ i5-10505, 12 MB Cache, 6 Core, 12 Threads, 3.2 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11400T, 12 MB Cache, 6 Core, 12 Threads, 1.3 GHz to 3.7 GHz, 35 W 11th Generation Intel® Core™ i5-11400, 12 MB Cache, 6 Core, 12 Threads, 2.6 GHz to 4.4 GHz, 65 W 11th Generation Intel® Core™ i5-11500T, 12 MB Cache, 6 Core, 12 Threads, 1.5 GHz to 3.9 GHz, 35 W 11th Generation Intel® Core™ i5-11500, 12 MB Cache, 6 Core, 12 Threads, 2.7 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11600T, 12 MB Cache, 6 Core, 12 Threads, 1.7 GHz to 4.1 GHz, 35 W 11th Generation Intel® Core™ i5-11600, 12 MB Cache, 6 Core, 12 Threads, 2.8 GHz to 4.8 GHz, 65 W 11th Generation Intel® Core™ i7-11700T, 16 MB Cache, 8 Core, 16 Threads, 1.4 GHz to 4.6 GHz, 35 W 11th Generation Intel® Core™ i7-11700, 16 MB Cache, 8 Core, 16 Threads, 2.5 GHz to 4.9 GHz, 65 W 11th Generation Intel® Core™ i9-11900T, 16 MB Cache, 8 Core, 16 Thread
Chipset	Intel® Q570 Chipset
Operating System Options[1]	Windows 10 Home, 64-bit Windows 10 IoT Enterprise 2019 LTSC (OEM only) Windows 10 Pro, 64-bit Windows 10 Pro Education, 64-bt Kylin Linux Desktop version 10.1 (China only) Ubuntu® Linux® 20.04 LTS, 64-bit Windows 10 CMIT Government Edition 64-bit (China only)

Features & Technical Specifications

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Feature	OptiPlex 7090 Technical Specifications[1]
Video Card[2]	**Tower**: Intel® UHD 630 Graphics for 10th Generation Intel® Core™ i3/i5 processors Intel® UHD 730 Graphics for 11th Generation Intel® Core™ i5-11400 processors Intel® UHD 750 Graphics for 11th Generation Intel® Core™ i5/i7/i9 processors NVIDIA® GeForce® RTX 3070, 8 GB, GDDR6 (optional) NVIDIA® GeForce® GTX 1660 Super™, 6 GB, GDDR6 (optional) AMD Radeon™ RX640, 4 GB, GDDR5 (optional) AMD Radeon™ 550, 2GB, GDDR5 (optional) AMD Radeon™ 540, 1GB, GDDR5 (optional) **Small Form Factor**: Intel® UHD Graphics 630 for 10th Generation Intel® Core™ i3/i5 processors Intel® UHD Graphics 730 for 11th Generation Intel® Core™ i5-11400 processor Intel® UHD Graphics 750 for 11th Generation Intel® Core™ i5/i7/i9 processors AMD Radeon™ RX640, 4 GB, GDDR5 (optional) AMD Radeon™ 550, 2GB, GDDR5 (optional) AMD Radeon™ 540, 1GB, GDDR5 (optional)
Video Card[2]	**Micro (Integrated):** Intel® UHD Graphics 630 with 10th Generation Intel® Core™ i3/i5 processors Intel® UHD Graphics 730/750 with 11th Generation Intel® Core™ i5/i7/i9 processors **Discrete:** AMD Radeon™ RX640, 4GB, GDDR5
Memory[2,3]	**Tower, Small Form Factor:** 4 GB, 1 x 4 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 8 GB, 1 x 8 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 8 GB, 2 x 4 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 16 GB, 1 x 16 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 16 GB, 2 x 8 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 16 GB, 4 x 4 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 32 GB, 1 x 32 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 32 GB, 2 x 16 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 32 GB, 4 x 8 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 64 GB, 2 x 32 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 64 GB, 4 x 16 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 128 GB, 4 x 32 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9 and 11th Generation Intel Core i5/i7/i9 processors **Note:** Memory speed varies by different type of DPC (DIMM per Channel) installation. **Micro**: 4 GB, 1 x 4 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 8 GB, 1 x 8 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 8 GB, 2 x 4 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 16 GB, 1 x 16 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 16 GB, 2 x 8 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 32 GB, 1 x 32 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 32 GB, 2 x 16 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 64 GB, 2 x 32 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors

Features & Technical Specifications

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Feature	OptiPlex 7090 Technical Specifications[1]
Wireless	Qualcomm QCA61x4A, 2x2, MIMO, 867 Mbps, 2.40 Ghz/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0 Qualcomm QCA9377, 1x1, 433 Mbps, 2.40 Ghz/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0 Intel® AX201, 2x2 MIMO, 2.40 Gbps, 2.40 Ghz/5 GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth 5.1
Ports	Tower: Front: 1 USB 2.0 port with PowerShare 1 USB 3.2 Gen 2 Type-A port 1 USB 3.2 Gen 2x2 Type-C port 1 USB 2.0 port 1 Universal Audio Jack Rear: 1 USB 3.2 Gen 2 Type-A port 2 USB 2.0 ports with Smart Power On 3 USB 3.2 Gen 1 Type-A ports 1 USB 3.2 Gen 2 Type-C® Alt-Mode (optional)
Ports	Tower: Rear: 1 RJ45 Ethernet port 1 re-tasking Line out/Line in audio port 2 DisplayPort 1.4 ports 1 VGA Port/DisplayPort 1.4 Port/HDMI 2.0b Port/ USB 3.2 Gen2 Type-C® Port with Alt-mode (optional) 1 Serial 2 PS/2 ports Small Form Factor: Front: 1 USB 2.0 ports with PowerShare 1 USB 2.0 ports 1 USB 3.2 Gen 2 Type-A port 1 USB 3.2 Gen 2x2 Type-C port 1 universal audio port Rear: 3 USB 3.2 Gen 1 Type-A port 1 USB 3.2 Gen 2 Type-A port 2 USB 2.0 port with SmartPower On 2 PS/2 port 1 serial port 2 DisplayPort 1.4 ports 1 Re-tasking Line-out/Line-in audio port 1 RJ45 Ethernet port Optional Modules: 1 VGA port 1 HDMI 2.0b port 1 DisplayPort 1.4 port 1 USB 3.2 Gen 2 type-C port with DisplayPort Alt Mode/Power delivery Micro Integrated: Front 1 Universal audio jack 1 re-tasking Line-in/Line out audio port 1 USB 3.2 Gen 2x2 Type-C port 1 USB 3.2 Gen 2 Type-A port with PowerShare Rear 1 RJ45 Ethernet port 1 Serial/Video port with Serial port/PS2 port/VGA port/DisplayPort 1.4 port/HDMI 2.0 Port/USB 3.2 Gen2 Type-C® Port with DP Alt-mode (optional) 1 USB 3.2 Gen 1 Type-A port 1 USB 3.2 Gen 1 Type-A port with Smart Power on 2 USB 3.2 Gen 2 Type-A ports 2 DisplayPort 1.4 ports Micro Discrete: Rear 1 RJ45 Ethernet port 2 Mini DisplayPort 1.4 ports 1 DisplayPort 1.4 Type-A port 1 USB 3.2 Gen 1 Type-A port with Smart Power on 2 USB 3.2 Gen 2 Type-A ports 2 DisplayPort 1.4 ports

Features & Technical Specifications

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Feature	OptiPlex 7090 Technical Specifications[1]
Ports	**Front** 1 Universal audio jack 1 re-tasking Line-in/Line out audio port 1 USB 3.2 Gen 2x2 Type-C® port 1 USB 3.2 Gen 2 Type-A port with PowerShare
Optical Drive	**Tower:** 8x DVD-ROM 8x DVD+/-RW **Small Form Factor:** 8x DVD+/-RW (Optional)
Slots	**Tower**: 1 SD-card slot (optional) 1 full-height Gen 4 PCIe x16 slot 1 full-height PCIe x16 (wired x4) slot 1 full-height PCI-32 slot 1 full-height PCIe x1 slot 1 M.2 2230 slot for Wi-Fi and Bluetooth card 1 M.2 2230/2280 slot for SSD/Intel Optane 1 M.2 2280 slot for SSD/Intel Optane 4 SATA slots for 2.5-inch HDD/SSD, and slim Optical Drive **Small Form Factor**: 1 half-height Gen 4 PCIe x16 slot 1 half-height Gen 3 PCIe x4 slot 1 M.2 2230 slot for WiFi and Bluetooth card 1 M.2 2230/2280 slot for solid-state drive/Intel Optane 1 M.2 2280 slot for solid-state drive/Intel Optane 3 SATA 3.0 slot for 3.5/2.5-inch hard drive,slim optical drive 1 SD 4.0 card slot **Micro**: 1 M.2 2230 slot for Wi-Fi and Bluetooth card 1 M.2 2230/2280 slot for SSD/Intel Optane 1 M.2 2280 slot for SSD/Intel Optane 1 SATA slot for 2.5-inch hard drive 1 Kensignton cable-lock slot **Note:** The DGFX SKU does not support SATA slot.
Primary Hard Drive[1,5]	**Tower:** 2.5-inch, 1 TB, 5400 RPM, SATA, HDD 2.5-inch, 2 TB, 5400 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD 2.5-inch, 1 TB, 7200 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS 3.5-inch, 500 GB, 7200 RPM, SATA, HDD 3.5-inch, 1 TB, 7200 RPM, SATA, HDD 3.5-inch, 2 TB, 7200 RPM, SATA, HDD 3.5-inch, 4 TB, 5400 RPM, SATA, HDD M.2 2230, 128 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 256 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 512 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 2 TB, PCIe NVMe Gen4 x4, Class 40 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive **Small Form Factor:** 2.5-inch, 1 TB, 5400 RPM, SATA, HDD 2.5-inch, 2 TB, 5400 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD 2.5-inch, 1 TB, 7400 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS 3.5-inch, 500 GB, 7200 RPM, SATA, HDD 3.5-inch, 1 TB, 7200 RPM, SATA, HDD 3.5-inch, 2 TB, 7200 RPM, SATA, HDD 3.5-inch, 4 TB, 7200 RPM, SATA, HDD

Features & Technical Specifications

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Feature	OptiPlex 7090 Technical Specifications[1]
Primary Hard Drive[1,5]	M.2 2230, 128 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 256 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 512 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive **Micro:** 2.5-inch, 1TB, 5400 RPM, SATA, HDD 2.5-inch, 2 TB, 5400 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD 2.5-inch, 1 TB, 7200 RPM, SATA, HDD
Primary Hard Drive[1,5]	**Micro:** 2.5-inch, 500 GB, 7200 RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS M.2 2230, 128 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 256 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 512 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 2 TB, PCIe NVMe Gen4 x4, Class 40 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive **Tower, Small Form Factor and Micro Intel Optane Memory:** Intel Optane Memory H20 32GB with 512GB SSD
Productivity Software[1]	**Tower, Small Form Factor and Micro:** Microsoft Office 30 Day Trial Microsoft Office Home and Business 2019 Microsoft Office Professional 2019 Dell Hybrid Client 1.5 (optional) Dell Optimizer Intel Unite® solution (optional)
Security Software	**Tower, Small Form Factor and Micro:** McAfee® Small Business Security 30 Day Free Trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36 month Subscription Intel Guard Technologies & Secure Key: Software Guard (SGX), Data Guard (vPro only), Boot Guard, BIOS Guard (Core CPU's only), OS Guard (Core CPU's only) and Secure Key (i5 or greater only) Intel Runtime BIOS Resilience (Copper Point) with attestation via Nifty Rock + Intel TXT Support of Absolute Persistent Module BIOS agent v2 OpenXT validation required SafeGuard and Response, powered by VMware Carbon Black and Secureworks Next Generation Antivirus (NGAV) Endpoint Detection and Response (EDR) Threat Detection and Response (TDR) Managed Endpoint Detection and Response Incident Management Retainer Emergency Incident Response SafeData
Warranty[9,10]	**Tower, Small Form Factor and Micro:** 3 Year hardware warranty with on-site service after remote diagnosis 4 Year hardware warranty with on-site service after remote diagnosis 5 Year hardware warranty with on-site service after remote diagnosis 3 Year ProSupport with Next Business Day on-site Service 4 Year ProSupport with Next Business Day on-site Service 5 Year ProSupport with Next Business Day on-site Service 3 Year ProSupport Plus for Client with Next Business Day on-site Service 4 Year ProSupport Plus for Client with Next Business Day on-site Service 5 Year ProSupport Plus for Client with Next Business Day on-site Service

Features & Technical Specifications

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Feature	OptiPlex 7090 Technical Specifications[1]
Accidental Damage Services	**Tower, Small Form Factor and Micro:** 3 Year Accidental Damage Service 4 Year Accidental Damage Service 5 Year Accidental Damage Service
Dimensions	**Tower:** **US Dimensions** Front Height: 14.45 in. (367.00 mm) Rear Height: 14.45 in. (367.00 mm) Width: 6.65 in. (169.00 mm) Depth: 11.84 in. (300.80 mm) Weight (min): 14.46 lb (6.56 kg) Weight (max): 22.53 lb (10.22 kg) **ROW Dimensions** Front Height: 367.00 mm (14.45 in.) Rear Height: 367.00 mm (14.45 in.) Width: 169.00 mm (6.65 in.) Depth: 300.80 mm (11.84 in.) Weight (min): 6.56 kg (14.46 lb) Weight (max): 10.22 kg (22.53 lb) **India Dimensions** Front Height: 367.00 mm Rear Height: 367.00 mm Width: 169.00 mm Depth: 300.80 mm Weight (min): 6.56 kg Weight (max): 10.22 kg
Dimensions	**Small Form Factor:** **US Dimensions** Height: 11.42 in. (290 mm) Width: 3.65 in. (92.60 mm) Depth: 11.53 in. (292.80 mm) Weight(minimum): 9.84 lb (4.46 kg) Weight(maximum): 12.61 lb (5.72 kg) **ROW Dimensions** Height: 290 mm (11.42 in.) Width: 92.60 mm (3.65 in.) Depth: 292.80 mm (11.53 in.) Weight(minimum): 4.46 kg (9.84 lb) Weight(maximum): 5.72 kg (12.61 lb) **India Dimensions** Height: 290 mm Width: 92.60 mm Depth: 292.80 mm Weight(minimum): 4.46 kg Weight(maximum): 5.72 kg **Micro:** **US Dimensions** Height: 7.16 in. (182 mm) Width: 7.02 in. (178.50 mm) Depth: 1.41 in. (36 mm) Weight(minimum): 2.87 lbs (1.30 kg), Weight(maximum): 3.05 lbs (1.38 kg) **ROW Dimensions** Height: 182 mm (7.16 in.) Width: 178.50 mm (7.02 in.) Depth: 36 mm (1.41 in.) Weight: 1.18 kg (2.60 lb) **India Dimensions** Height: 182 mm Width: 178.50 mm Depth: 36 mm Weight: 1.18 kg
Audio and Speakers[1]	**Tower:** Stereo speakers with Waves MaxxAudio® Pro, 2 W x 2 = 4 W total **Small Form Factor:** Mono speaker with Waves MaxxAudio®, 2 W **Micro:** Stereo speakers with Waves MaxxAudio® Pro, 2 W x 1 = 1 W total
Power	**Tower:** 260 W typical 85% Efficient PSU, 80 Plus Bronze 300 W typical 92% Efficient PSU, 80 Plus Platinum 360 W typical 92% Efficient PSU, 80 Plus Platinum 500 W typical 92% Efficient PSU, 80 Plus Platinum **Small Form Factor:** 300 W typical 92% Efficient PSU, 80 Plus Platinum 200 W typical 85% Efficient PSU, 80 Plus Bronze **Micro:** 90 W AC adapter, 4.5 mm barrel for 35 W CPU (<=6C) 130 W AC adapter, 4.5 mm barrel for 35 W CPU (8C) 180 W AC Adapter, 4.5 mm barrel for 65 W CPU and Discrete graphic card
Systems Management	**Tower, Small Form Factor and Micro:** Dell Client Command Suite for In-Band systems management Intel® Standard Manageability Intel® vPro™ for Out-of-Band systems management
Regulatory [8,12]	**Tower, Small Form Factor and Micro:** ENERGY STAR qualified configurations available, EPEAT Registered configurations available,TCO 8.0 certified configurations available, CEL, WEEE, Japan Energy Law, South Korea E-standby, EU RoHS, China RoHS

Features & Technical Specifications

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Feature	OptiPlex 7090 Technical Specifications[1]
Hardware Security	**Tower, Small Form Factor and Micro:** 1 Kensington security-cable slot 1 Padlock loop Chasis lock slot support Chassis intrusion switch Lockable cable covers Supply chain tamper alerts SafeID including Trusted Platform Module (TPM) 2.0 Smart card keyboard (FIPS) Microsoft 10 Device Guard and Credential Guard (Enterprise SKU) Microsoft Windows Bitlocker Local hard drive data wipe through BIOS (Secure Erase) Self-encrypting storage drives (Opal, FIPS) Trusted Platform Module TPM 2.0 China TPM Intel Secure Boot Intel Authenticate **SafeBIOS:** includes Dell Off-host BIOS Verification, BIOS Resilience, BIOS Recovery, and additional BIOS Controls
Configuration Services	Factory Image load, BIOS Customization, Hardware Customization, Asset Tagging and Reporting

DELL Technologies

OPTIPLEX 7090 TOWER, SMALL FORM FACTOR AND MICRO

Intelligent desktops built to deliver ultimate expandability and performance.

Discover professional class desktops at www.dell.com/OptiPlex

1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook published on www.dell.com/support.
2. System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.
3. 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.
4. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality
5. Storage Option: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
6. TPM is available in selected regions.
7. Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.lojackforlaptops.com.
8. Please refer to www.epeat.net for specific country registration rating and participation.
9. Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.
10. on-site 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.
11. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.
12. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information www.dell.com/support/home/us/en/19.