Ultimate space savings, fit-anywhere deployment and extended life

OPTIPLEX 7080 XE MICRO FORM FACTOR

ESSENTIAL CAPABILITIES
First generation OEM Unique XE micro form factor platform delivering commercial level compute, stability and extended life transitions. Support for Windows® 10 IoT Enterprise 2019 LTSC provides additional stability for OEM embedded use cases.

EMBEDDED EXCELLENCE
A fit for almost anywhere to compute everywhere. Ultimate space savings allows for embedded and edge applications. The micro VESA mount with adapter bracket and all-in-one mounting helps embed compute in the tightest spaces.

SMALL AND MIGHTY
Lots of power packed in a compact form with 10th Generation Intel® Core™ i processors that will remain constant through the life of the platform. The 2933 MHz DDR4 Memory and dual M.2 NVMe drives provide the latest, fastest storage capability.

VERTICAL INDUSTRY USE
It’s ideal for tight spaces in manufacturing, retail, healthcare and digital signage. A perfect fit for OEM use cases where the solution is sensitive to transitions and product change.

OEM XE
Sharpen your competitive edge. Focus on innovation versus technology churn with XE stability, longevity and visibility. Dependably stable with static CPU, up to nine-month transition upon launch of next generation, and six months in-advance visibility to key component change.
Recommended Accessories

**OPTIPLEX 7080 XE MICRO FORM FACTOR**

**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 enclosure 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 (COMING SOON)**
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 24 MONITOR - P2419H**
23.8” ultrathin bezel optimized for dual display productivity. Easy Arrange feature enables multitasking efficiency and its small base frees valuable workspace.

**DELL 22 MONITOR - P2219H**
Optimize your workspace with this efficient 21.5” monitor built with an ultrathin bezel, a small footprint and comfort-enhancing features.

**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 WIRELESS KEYBOARD AND MOUSE - KM636**
Compact design and chiclet keys, this essential desktop solution offers the convenience of wireless and clutter-free performance.

**DELL WIRED MOUSE WITH FINGERPRINT READER - MS819**
Wired mouse with fingerprint reader offers convenient and secure login and online access without passwords.

**DELL PRO STEREO HEADSET - UC350**
Communicate clearly with a headset optimized to provide in-person sound quality, certified for Microsoft Skype for Business.

**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.
Intelligence built in. Modernization built on.

Dell Technologies Unified Workspace

We know that having the right device is just the start to a great workday. Employees need intelligent, intuitive and responsive experiences that allow them to work productively and without interruption. According to research, 1 out of every 4 users would question their job and the company they work for if they had a negative experience with their technology.¹

Dell Technologies Unified Workspace is transforming the employee experience and ensuring IT has proactive, predictive and automated solutions to deliver on the promise of a modern workday, while simplifying their ability to deploy, secure, manage and support their environment.

ProDeploy in the Unified Workspace allows IT to move away from traditional, high-touch, manual deployment, and instead, ship devices preconfigured with company apps and settings from the Dell factory directly to their end users—having end users up and working on day one.

Dell Trusted Devices provide a foundation to a modern workforce environment with invisible and seamless protection to ensure smarter, faster experiences. End users stay productive and IT stays confident with modern security solutions for the Dell Trusted Device.

Dell Client Command Suite + VMware Workspace ONE offers integrated capabilities that deliver a unified endpoint management experience for IT, enabling them to manage firmware, OS, and apps from one console, while also creating seamless experiences for end users.

ProSupport resolves hardware issues up to 11x faster than the competition. ProSupport for PCs offers 24x7 access to in-region ProSupport engineers who contact IT when critical issues arise,² so you can focus on what’s next, not what just happened. ProSupport Plus helps IT stay a step ahead and virtually eliminate unplanned downtime due to hardware issues. You get all the capabilities of ProSupport, as well as AI-driven alerts to prevent failures and repairs for accidents.³

# Features & Technical Specifications

**OPTIPLEX 7080 XE MICRO FORM FACTOR**

## Feature

### Processors

**Micro:**
- 10th Generation Intel® Core™ i3-10100T, 6 MB Cache, 4 Cores, 8 Threads, 3.0 GHz to 3.8 GHz, 35 W
- 10th Generation Intel® Core™ i3-10300T, 8 MB Cache, 4 Cores, 8 Threads, 3.0 GHz to 3.9 GHz, 35 W
- 10th Generation Intel® Core™ i5-10400T, 12 MB Cache, 6 Cores, 12 Threads, 2.0 GHz to 3.6 GHz, 35 W
- 10th Generation Intel® Core™ i5-10500T, 12 MB Cache, 6 Cores, 12 Threads, 2.3 GHz to 3.8 GHz, 35 W
- 10th Generation Intel® Core™ i5-10600T, 12 MB Cache, 6 Cores, 12 Threads, 2.4 GHz to 4.0 GHz, 35 W
- 10th Generation Intel® Core™ i7-10700T, 16 MB Cache, 8 Cores, 16 Threads, 2.0 GHz to 4.5 GHz, 35 W
- 10th Generation Intel® Core™ i9-10900T, 20 MB Cache, 10 Cores, 20 Threads, 1.9 GHz to 4.6 GHz, 35 W

### Chipset

- Intel® Q470 Chipset

### Operating System

- Windows® 10 Home (64-bit)
- Windows® 10 IoT Enterprise 2019 LTSC (OEM only)
- Windows® 10 Professional (64-bit)
- Windows® 10 Pro Education (64-bit)
- NeoKylin® 7.0 (China only)
- Ubuntu® 18.04 (64-bit)

### Video Card

**Micro:**
- Intel® UHD 630 Graphics

### Memory

**Micro:**
- 4 GB, 1 x 4 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9 processor
- 8 GB, 2 x 4 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9 processor
- 8 GB, 1 x 8 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9 processor
- 16 GB, 2 x 8 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9 processor
- 32 GB, 2 x 16 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9 processor
- 32 GB, 1 x 32 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9 processor
- 64 GB, 2 x 32 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9 processor

**Note:** The memory speed supported in Brazil for Intel Core i7/i9 processors is 2666MHz.

### Intel® Optane Memory

- M.2 2280, 16 GB, Gen3 PCIe x4, NVMe, Intel® Optane™ Memory
- M.2 2280, 32 GB, Gen 3 PCIe x4, NVMe, Intel® Optane™ Memory

### Wireless

- Qualcomm® QCA61x4a 802.11ac dual band 2x2 + Bluetooth 5.0
- Qualcomm® QCA9377 802.11ac dual band 1x1 + Bluetooth 5.0
- Intel® Wi-Fi 6 AX201 2x2 (Gig+) + Bluetooth 5.1

### Ports

**Micro:**
- 1 USB 3.2 Gen2 Type-C port (front)
- 1 USB 3.2 Gen2 Type-A port with PowerShare (front)
- 1 Universal Audio Jack (front)
- 1 Line-out port (front)
- 2 USB 3.2 Gen2 Type-A ports (rear)
- 1 USB 3.2 Gen1 Type-A port (rear)
- 1 USB 3.2 Gen1 Type-A port with Smart Power on (rear)
- 1 USB 3.2 Gen1 Type-A port (rear) (for Discrete graphics)
- 2 DisplayPort 1.4 ports (rear)
- 1 RJ-45 port 10/100/1000 Mbps (rear)
- 1 VGA Port/DisplayPort 1.4 Port/HDMI 2.0b Port/ USB 3.2 Gen2 Type-C Port with Alt-mode (Optional, not supported with Discrete graphics)
- 1 Serial RS232 slot (optional) (Not supported with Discrete graphics)
- 1 Serial/PS2 slot (optional) (Not supported with Discrete graphics)

### Optical Drive

- Dell OptiPlex Micro DVD/RW Enclosure Mount (Micro only)

### Slots

**Micro:**
- 1 SATA slot for 2.5-inch HDD
- 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
## Features & Technical Specifications

### OptiPlex 7080 XE Technical Specifications

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| **Primary Hard Drive**<sup>1,5,6</sup> | 2.5-inch, 1 TB, 5400 RPM, SATA HDD (Micro only)  
2.5-inch, 1 TB, 7200 RPM, SATA HDD (all form factors)  
2.5-inch, 2 TB, 5400 RPM, SATA HDD (all form factors)  
2.5-inch, 500 GB, 5400 RPM, SATA HDD (all form factors)  
2.5-inch, 500 GB, 7200 RPM, Opal Self-Encrypting FIPS HDD (all form factors)  
2.5-inch, 500 GB, 7200 RPM, SATA HDD (all form factors)  
2.5-inch, 512 GB, SATA, Class 20 SSD (Micro only)  
M.2 2230, 128 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD (all form factors)  
M.2 2230, 256 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD (all form factors)  
M.2 2230, 512 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD (all form factors)  
M.2 2280, 1 TB, Gen 3 PCIe x4 NVMe, Opal Self-Encrypting Class 40 SSD (all form factors)  
M.2 2280, 2 TB, Gen 3 PCIe x4 NVMe, Class 40 SSD (all form factors)  
M.2 2280, 256 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD (all form factors)  
M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD (all form factors)  
M.2 2280, 256 GB, Gen 3 PCIe x4 NVMe, Opal Self-Encrypting Class 40 SSD (all form factors)  
M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Opal Self-Encrypting Class 40 SSD (all form factors)  
M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Opal Self-Encrypting Class 40 SSD (all form factors)  |

### Chassis

<table>
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<th>Micro</th>
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| Dimensions (H x W x D) | Front height: 7.16 in. (182.00 mm)  
Rear height: 7.16 in. (182.00 mm)  
Width: 1.42 in. (36.00 mm)  
Depth: 7.03 in. (178.56 mm) |
| Min. Weight (lbs/kg) | 3.04 lb (1.38 kg) |
| Power Supply<sup>1,6</sup> | 90 W, 4.5 mm (for 35 W CPU)  
130 W, 4.5 mm (for 35 W CPU) |

### Recommended accessories

- **Monitors**: Qualified with select Dell UltraSharp, Professional, and E-series monitors
- **Keyboards**: Dell wired keyboard with multimedia functionality, Dell smart card keyboard, Dell wireless keyboard
- **Mouse**: Dell wired mouse, Dell wireless mouse, Dell laser mouse, Dell wired fingerprint reader mouse
- **Audio Speakers**: Internal Dell Business audio speaker, Dell stereo speaker systems available; Dell sound bar for select flat-panel displays, Dell Wireless Speaker System available
- **Audio Headsets**: Dell Pro Stereo headsets
- **Micro Mounting Options**: Micro Vertical Stand, Micro VESA Mount, Micro Dual VESA Mount, Micro All-in-One Stand, Micro All-in-One Mount for E Series Displays, Micro DVD+/-RW Enclosure

### Collaboration Software

- Optional Intel Unite® solution and Skype for Business

### Productivity Software

- Microsoft® Office 30 Day Trial
- Microsoft® Office Home and Business 2019
- Microsoft® Office Professional 2019
## Features & Technical Specifications

**OPTIPLEX 7080 XE MICRO FORM FACTOR**

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<th>Feature</th>
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| **Software Security**² | Absolute Control (Pro), 1 Year, Absolute Control (Pro), 3 Years, Absolute Resilience (Prem), 3 Years  
Absolute Visibility 1 Year  
Dell Encryption Enterprise, 1 Year, Dell Encryption Personal, 1 Year, Dell Encryption Personal, 3 Years  
Emergency Incident Response, Encryption-SED HDD (Opal FIPS), Endpoint Detection and Response (EDR), Incident Management Retainer, 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  
Local HDD data wipe via BIOS (“Secure Erase”)  
Managed Endpoint Detection and Response  
McAfee® Small Business Security 12-month subscription, McAfee® Small Business Security 30 Day Free Trial, McAfee® Small Business Security 36 month Subscription  
Next Generation Antivirus (NGAV), OpenXT validation required, SafeData,SafeGuard and Response (powered by VMware Carbon Black and Secureworks), Support of Absolute Persistent Module BIOS agent v2, Threat Detection and Response (TDR),  
VMware Carbon Black Cloud Endpoint Standard NGAV, B-EDR, 1 Year; VMware Carbon Black Cloud Endpoint Standard NGAV, B-EDR, 3 Years  
VMware Carbon Black Cloud Endpoint Standard NGAV,B-EDR+Secureworks TDR (Data center housed in US), 1 Year  
VMware Carbon Black Cloud Endpoint Standard NGAV,B-EDR+Secureworks TDR (Data center housed in US), 3 Years  |
| **Hardware Security** | SafeBIOS: includes Dell Off-host BIOS Verification, BIOS Resilience, BIOS Recovery, and additional BIOS Controls; SafeID credential protection;  
Trusted Platform Module (TPM) 2.0, Microsoft® Windows 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), China TPM, Intel® Secure Boot, Intel® Authenticate, Physical Security Options: 1 Kensington security-cable slot, 1 Padlock loop, Chassis lock slot support, Chassis Intrusion Switch, Lockable Cable Covers, Smart Card Keyboard (FIPS)  |
| **Systems Management Options**³ | Dell Client Command Suite for In-Band systems management, Optional Intel® Standard Manageability or Intel® vPro™ for Out-of-Band systems management  |
| **Regulatory**⁴ | EPEAT registered configurations available, ENERGY STAR qualified configurations available, TCO 8.0 certified configurations available, CEL, WEEE, Japan Energy Law, South Korea E-standby, South Korea, Eco-label, EU RoHS, China RoHS  |
| **Warranty** | Limited Hardware Warranty; Standard Next Business Day On Site Service after Remote Diagnosis; Optional Dell ProSupport offers premium support from expert technicians and 24x7 availability.  |
| **Accidental Damage Services**⁵ | Accidental Damage Service is available to complement certain warranty options from 3-5 years  |
| **Configuration Services**⁶ | Factory Image load, BIOS Customization, Hardware Customization, Asset Tagging and Reporting.  |
Discover professional class desktops at www.dell.com/OptiPlex

*Source: Dell Product Compliance Datasheet | ENV0025 June 2019. Dell Legal AD#G18000288.

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.

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: 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. PSU: This form factor utilizes a more efficient Active Power Factor Correction (APFC) power supply. Dell recommends only Universal Power Supplies (UPS) based on Sine Wave output for APFC PSUs, not an approximation of a Sine Wave, Square Wave, or quasi-Square Wave (see UPS technical specifications). If you have questions please contact the manufacturer to confirm the output type.

7. TPM is not available in all regions.


10. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information at www.dell.com/support/home/us/en/19

11. Please refer to www.epeat.net for specific country registration rating and participation.

12. 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

13. 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.

14. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicesdescriptions

15. 2.5 Inch Solid State Drives are only available as a secondary storage option and can only be paired with a Solid State Drive as the Primary Storage Device.