



OPTIPLEX

# 7000 Tower, Small Form Factor and Micro

Intelligent desktops built  
for ultimate expandability  
and performance



**DELL**Technologies



# OPTIPLEX 7000

## Technology that revolves around you

Our most intelligent, premium desktops featuring the built-in artificial intelligence of Dell Optimizer, deliver more power and connectivity than ever.

• • •

### Most powerful OptiPlex yet

Intel vPro® with 12<sup>th</sup> Gen Intel® Core™ i9 125W processors deliver business-class performance that accelerates productivity while minimizing security risks by leveraging technologies deep in the silicon<sup>1</sup>

• • •

### Most intelligent with Dell Optimizer<sup>5</sup>

More intuitive app performance, connectivity and audio experiences

• • •

### Ventilated front bezel

Optimizes air intake to keep your system cool and protected

• • •

### Wi-Fi6E option

Future-proof your IT with the industry's fastest speeds<sup>3</sup>



• • •

### 3rd M.2 SSD Drive option

provides additional expansion options for faster boot time and file access<sup>2</sup>

• • •

### Thunderbolt 4 add-in card

Fast, secure connection to more high-resolution monitors

• • •

### All new DDR5 Memory

Better performance for heavy workloads, great for cloud applications<sup>6</sup>

• • •

### Native support for up to 4 displays

Without the need for additional graphics card

• • •

### VR-ready

Best in class 225W graphics supports VR consumption - ideal for training, retail and healthcare environments<sup>4</sup>



• • •

### Most sustainable OptiPlex yet

With up to 60% recycled materials<sup>7</sup> including 1st ocean-bound plastics.<sup>8</sup> EPEAT Gold and ENERGY STAR qualified on select configurations

• • •

### Our greatest breadth of custom accessories

including all new micro mounts

# OPTIPLEX 7000

## Sustainability on OptiPlex

OptiPlex is a leading platform for sustainable innovation and utilizes the most recycled content of all Dell PCs with up to 60% recycled plastic and closed-loop materials in its design.



### Design

# 1st

OptiPlex was the first Dell product made with recycled materials in 2007.<sup>9</sup>

### Sustainable Materials

# 60%

OptiPlex desktops contain up to 60% recycled and closed-loop materials.

### Packaging Innovation

# 87%

87% of Dell's packaging is made from recycled or renewable materials.

## OPTIPLEX HAS

# 100+

EPEAT registered products\*



# 40+

TCO certified configurations



# 8.0

ENERGY STAR® throughout the portfolio



# 7000

Dell Optimizer  
We make it intelligent.  
You make it yours.

Dell Optimizer revolutionizes the way you work by fueling the world's most intelligent PCs<sup>15</sup>. It is the only business, AI-based optimization software that learns and responds to the way you work and is designed to automatically improve application performance, audio settings and network connectivity—all in the background while you're working.

Accomplish anything with built-in intelligence that learns and adapts.



## Improved performance

ExpressResponse<sup>16</sup> analyzes how you use your preferred apps<sup>17</sup> to boost performance.



## Enhanced audio

Intelligent Audio delivers audio and mic enhancements and reduces background noise using Neural noise cancellation.



## Unmatched connectivity

ExpressConnect<sup>18</sup> provides the world's first simultaneous multi-network connection<sup>19</sup> that joins the best network<sup>20</sup> available.



## Simplified manageability

Elevate work experience with an easy-to-manage application that provides a seamless experience for both end-users and IT decision-makers.



## RECOMMENDED ACCESSORIES

PURPOSE-BUILT



### Dell UltraSharp 24 Monitor - U2422H

Features fast connectivity and ComfortView Plus to reduce low blue light emissions while maintaining color accuracy.



### Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W

Multi-task seamlessly across 3 devices, featuring programmable shortcuts and 36 months battery life.\*

\*Based on Dell analysis, March 2020.



### Dell Pro Stereo Headset - WH3022

Experience exceptional audio clarity with this Teams certified wired headset with a customized fit.



### Dell Speakerphone - SP3022

Experience crystal-clear conference-calls with the world's most intelligent Microsoft Teams-certified speakerphone.\*

\*Based on Dell analysis comparing against competitive personal conferencing speakerphones, September 2021.



### OptiPlex Tower and Small Form Factor Cable Covers

Thermally tested design offers an easy to install and attractive way to manage cables and secure ports.

CUSTOM MOUNTS



### OptiPlex Small Form Factor All-in-One Stand - OSS21

Create a clean workspace for your Small Form Factor with integrated cable management and full range monitor adjustability.



### OptiPlex Micro All-in-One Stand - MFS22

Adjustable, compact stand for your micro creates a clean, open workspace with minimal cables.



### OptiPlex Micro Dual VESA Mount with Adapter Bracket

Versatile micro mounting solution for ideal use with Dell MSA20 or Dell MDA20 Monitor Arms.



### OptiPlex Micro All-in-One VESA Mount for E-Series Monitors with Base Extender

Easily mount your micro to select Dell E-Series monitors.



# OPTIPLEX 7000

## FEATURE TECHNICAL SPECIFICATION

**MODEL NUMBER<sup>1</sup>** OptiPlex 7000 Tower

**PROCESSOR OPTIONS<sup>2</sup>**

- 12th Generation Intel® Core™ i3-12100, 12MB cache, 4 cores, 8 threads, 3.30GHz to 4.30GHz, 60W
- 12th Generation Intel® Core™ i3-12300, 12MB cache, 4 cores, 8 threads, 3.50GHz to 4.40GHz, 60W
- 12th Generation Intel® Core™ i5-12400, 18MB cache, 6 cores, 12 threads, 2.50GHz to 4.40GHz, 65W
- 12th Generation Intel® Core™ i5-12500 vPro®, 18MB cache, 6 cores, 12 threads, 3.00GHz to 4.60GHz, 65W
- 12th Generation Intel® Core™ i5-12600 vPro®, 18MB cache, 6 cores, 12 threads, 3.30GHz to 4.80GHz, 65W
- 12th Generation Intel® Core™ i7-12700 vPro®, 25MB cache, 12 cores, 20 threads, 2.10GHz to 4.90GHz, 65W
- 12th Generation Intel® Core™ i9-12900 vPro®, 30MB cache, 16 cores, 24 threads, 2.40GHz to 5.10GHz, 65W
- 12th Generation Intel® Core™ i5-12600K vPro®, 20MB cache, 10 cores, 16 threads, 3.70GHz to 4.90GHz, 125W
- 12th Generation Intel® Core™ i7-12700K vPro®, 25MB cache, 12 cores, 20 threads, 3.60GHz to 5.00GHz, 125W
- 12th Generation Intel® Core™ i9-12900K vPro®, 30MB cache, 16 cores, 24 threads, 3.20GHz to 5.20GHz, 125W

**OPERATING SYSTEM<sup>3</sup>**

- Windows 11 Home, 64-bit
- Windows 11 Pro, 64-bit
- Windows 11 Downgrade (Windows 10 image)
- Windows 11 Pro National Education, 64-bit
- Windows 11 CMIT Government Edition, 64-bit (China only)
- Kylin Linux® Desktop version 10.1 (China only)
- Ubuntu® Linux® 20.04 LTS, 64-bit

**MEMORY OPTIONS<sup>1,2,3</sup>**

- 8GB, 1 x 8GB, DDR5, 4400MHz, single-channel
- 16GB, 1 x 16GB, DDR5, 4400MHz, single-channel
- 16GB, 2 x 8GB, DDR5, 4000MHz, dual-channel
- 32GB, 1 x 32GB, DDR5, 4400MHz, single-channel
- 32GB, 2 x 16GB, DDR5, 4000MHz, dual-channel
- 32GB, 4 x 8GB, DDR5, 4000MHz, dual-channel
- 64GB, 2 x 32GB, DDR5, 3600MHz, dual-channel
- 64GB, 4 x 16GB, DDR5, 4000MHz, dual-channel
- 128GB, 4 x 32GB, DDR5, 3600MHz, dual-channel

**PRIMARY HARD DISK DRIVES<sup>1,5</sup>**

- 2.5inch, 1TB, 5400RPM, SATA, HDD
- 2.5inch, 2TB, 5400RPM, SATA, HDD
- 2.5inch, 500GB, 7200RPM, SATA, HDD
- 2.5inch, 1TB, 7200RPM, SATA, HDD
- 2.5inch, 500GB, 7200RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS
- 3.5inch, 4TB, 5400RPM, SATA, HDD
- 3.5inch, 1TB, 7200RPM, SATA, HDD
- 3.5inch, 2TB, 7200RPM, SATA, HDD
- M.2 2230, 256GB, PCIe NVMe, SSD, Class 35
- M.2 2230, 512GB, PCIe NVMe, SSD, Class 35
- M.2 2230, 1TB, PCIe NVMe, SSD, Class 35
- M.2 2230, 256GB, PCIe NVMe, SSD, Class 35, Self-Encrypting, Opal 2.0, FIPS
- M.2 2280, 512GB, PCIe NVMe, SSD, Class 40, Self-Encrypting, Opal 2.0, FIPS
- M.2 2280, 1TB, PCIe NVMe, SSD, Class 40, Self-Encrypting, Opal 2.0, FIPS
- M.2 2280, 512GB, PCIe NVMe, SSD, Class 40
- M.2 2280, 1TB, PCIe NVMe, SSD, Class 40
- M.2 2280, 2TB, PCIe NVMe, SSD, Class 40

**GRAPHICS**

- Intel® UHD Graphics 730 for 12th Generation Intel Core™ i3-12100, i3-12300, and i5-12400 processors
- Intel® UHD Graphics 770 for 12th Generation Intel Core™ i5-12500, i5-12600, i5-12600K, i7-12700, i7-12700K, i9-12900, and i9-12900K processors
- NVIDIA® GeForce® RTX 3070, 8GB GDDR6
- AMD Radeon™ RX640, 4GB GDDR5
- AMD Radeon™ 550, 2GB GDDR5
- AMD Radeon™ 540, 1GB GDDR5

## TECHNICAL SPECIFICATION

OptiPlex 7000 Small Form Factor

12th Generation Intel® Core™ i3-12100, 12MB cache, 4 cores, 8 threads, 3.30GHz to 4.30GHz, 60W

12th Generation Intel® Core™ i3-12300, 12MB cache, 4 cores, 8 threads, 3.50GHz to 4.40GHz, 60W

12th Generation Intel® Core™ i5-12400, 18MB cache, 6 cores, 12 threads, 2.50GHz to 4.40GHz, 65W

12th Generation Intel® Core™ i5-12500 vPro®, 18MB cache, 6 cores, 12 threads, 3.00GHz to 4.60GHz, 65W

12th Generation Intel® Core™ i5-12600 vPro®, 18MB cache, 6 cores, 12 threads, 3.30GHz to 4.80GHz, 65W

12th Generation Intel® Core™ i7-12700 vPro®, 25MB cache, 12 cores, 20 threads, 2.10GHz to 4.90GHz, 65W

12th Generation Intel® Core™ i9-12900 vPro®, 30MB cache, 16 cores, 24 threads, 2.40GHz to 5.10GHz, 65W

Windows 11 Home, 64-bit

Windows 11 Pro, 64-bit

Windows 11 Downgrade (Windows 10 image)

Windows 11 Pro National Education, 64-bit

Windows 11 CMIT Government Edition, 64-bit (China only)

Kylin Linux® Desktop version 10.1 (China only)

Ubuntu® Linux® 20.04 LTS, 64-bit

4GB, 1 x 4GB, DDR4, 3200MHz, single-channel

8GB, 1 x 8GB, DDR4, 3200MHz, single-channel

8GB, 2 x 4GB, DDR4, 3200MHz, dual-channel

16GB, 1 x 16GB, DDR4, 3200MHz, single-channel

16GB, 2 x 8GB, DDR4, 3200MHz, dual-channel

16GB, 4 x 4GB, DDR4, 3200MHz, dual-channel

32GB, 1 x 32GB, DDR4, 3200MHz, single-channel

32GB, 2 x 16GB, DDR4, 3200MHz, dual-channel

32GB, 4 x 8GB, DDR4, 3200MHz, dual-channel

64GB, 2 x 32GB, DDR4, 3200MHz, dual-channel

64GB, 4 x 16GB, DDR4, 3200MHz, dual-channel

128GB, 4 x 32GB, DDR4, 3200MHz, dual-channel

2.5inch, 1TB, 5400RPM, SATA, HDD

2.5inch, 2TB, 5400RPM, SATA, HDD

2.5inch, 500GB, 7200RPM, SATA, HDD

2.5inch, 1TB, 7200RPM, SATA, HDD

2.5inch, 500GB, 7200RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS

3.5inch, 4TB, 5400RPM, SATA, HDD

3.5inch, 1TB, 7200RPM, SATA, HDD

3.5inch, 2TB, 7200RPM, SATA, HDD

M.2 2230, 256GB, PCIe NVMe, SSD, Class 35

M.2 2230, 512GB, PCIe NVMe, SSD, Class 35

M.2 2230, 1TB, PCIe NVMe, SSD, Class 35

M.2 2230, 256GB, PCIe NVMe, SSD, Class 35, Self-Encrypting Opal 2.0, FIPS

M.2 2280, 512GB, PCIe NVMe, SSD, Class 40

M.2 2280, 1TB, PCIe NVMe, SSD, Class 40

M.2 2280, 2TB, PCIe NVMe, SSD, Class 40

M.2 2280, 512GB, PCIe NVMe, SSD, Class 40, Self-Encrypting Opal 2.0, FIPS

M.2 2280, 1TB, PCIe NVMe, SSD, Class 40, Self-Encrypting Opal 2.0, FIPS

Intel® UHD Graphics 730 with 12th Generation Intel Core™ i3-12100, i3-12300, and i5-12400 processors

Intel® UHD Graphics 770 with 12th Generation Intel Core™ i5-12500, i5-12600, i7-12700, and i9-12900 processors

AMD Radeon™ RX 640, 4GB GDDR5, low profile

AMD Radeon™ 550, 2GB GDDR5, low profile

AMD Radeon™ 540, 1GB GDDR5, low profile

## TECHNICAL SPECIFICATION

OptiPlex 7000 Micro

12th Generation Intel® Core™ i3-12100, 12MB cache, 4 cores, 8 threads, 3.30GHz to 4.30GHz, 60W

12th Generation Intel® Core™ i3-12100T, 12MB cache, 4 cores, 8 threads, 2.20GHz to 4.10GHz, 35W

12th Generation Intel® Core™ i3-12300, 12MB cache, 4 cores, 8 threads, 3.50GHz to 4.40GHz, 60W

12th Generation Intel® Core™ i3-12300T, 12MB cache, 4 cores, 8 threads, 2.30GHz to 4.20GHz, 35W

12th Generation Intel® Core™ i5-12400, 18MB cache, 6 cores, 12 threads, 2.50GHz to 4.40GHz, 65W

12th Generation Intel® Core™ i5-12400T, 18MB cache, 6 cores, 12 threads, 1.80GHz to 4.20GHz, 35W

12th Generation Intel® Core™ i5-12500 vPro®, 18MB cache, 6 cores, 12 threads, 3.00GHz to 4.60GHz, 65W

12th Generation Intel® Core™ i5-12500T vPro®, 18MB cache, 6 cores, 12 threads, 2.00GHz to 4.40GHz, 35W

12th Generation Intel® Core™ i5-12600 vPro®, 18MB cache, 6 cores, 12 threads, 3.30GHz to 4.80GHz, 65W

12th Generation Intel® Core™ i5-12600T vPro®, 18MB cache, 6 cores, 12 threads, 2.10GHz to 4.60GHz, 35W

12th Generation Intel® Core™ i7-12700 vPro®, 25MB cache, 12 cores, 20 threads, 2.10GHz to 4.90GHz, 65W

12th Generation Intel® Core™ i7-12700T vPro®, 25MB cache, 12 cores, 20 threads, 1.40GHz to 4.70GHz, 35W

12th Generation Intel® Core™ i9-12900 vPro®, 30MB cache, 16 cores, 24 threads, 2.40GHz to 5.10GHz, 65W

12th Generation Intel® Core™ i9-12900T vPro®, 30MB cache, 16 cores, 24 threads, 1.40GHz to 4.90GHz, 35W

Windows 11 Home, 64-bit

Windows 11 Pro, 64-bit

Windows 11 Downgrade (Windows 10 image)

Windows 11 Pro Education, 64-bit

Windows 11 CMIT Government Edition, 64-bit (China only)

Kylin Linux® Desktop version 10.1 (China only)

Ubuntu® Linux® 20.04 LTS, 64-bit

4GB, 1 x 4GB, DDR4, 3200MHz, single-channel

8GB, 1 x 8GB, DDR4, 3200MHz, single-channel

8GB, 2 x 4GB, DDR4, 3200MHz, dual-channel

16GB, 1 x 16GB, DDR4, 3200MHz, single-channel

16GB, 2 x 8GB, DDR4, 3200MHz, dual-channel

32GB, 1 x 32GB, DDR4, 3200MHz, single-channel

32GB, 2 x 16GB, DDR4, 3200MHz, dual-channel

64GB, 2 x 32GB, DDR4, 3200MHz, dual-channel

8GB, 1 x 8GB, DDR5, 4800MHz, single-channel

16GB, 1 x 16GB, DDR5, 4800MHz, single-channel

16GB, 2 x 8GB, DDR5, 4800MHz, dual-channel

32GB, 1 x 32GB, DDR5, 4800MHz, single-channel

32GB, 2 x 16GB, DDR5, 4800MHz, dual-channel

M.2 2230, 256GB, PCIe NVMe, SSD, Class 35

M.2 2230, 512GB, PCIe NVMe, SSD, Class 35

M.2 2230, 1TB, PCIe NVMe, SSD, Class 35

M.2 2230, 256GB, PCIe NVMe, SSD, Class 35, Self-Encrypting, Opal 2.0, FIPS

M.2 2280, 512GB, PCIe NVMe, SSD, Class 40

M.2 2280, 1TB, PCIe NVMe, SSD, Class 40

M.2 2280, 2TB, PCIe NVMe, SSD, Class 40

M.2 2280, 512GB, PCIe NVMe, SSD, Class 40, Self-Encrypting, Opal 2.0, FIPS

M.2 2280, 1TB, PCIe NVMe, SSD, Class 40, Self-Encrypting, Opal 2.0, FIPS

Intel® UHD Graphics 730 with 12th Generation Intel Core™ i3-12100, i3-12100T, i3-12300, i3-12300T, i5-12400, and i5-12400T processors

Intel® UHD Graphics 770 with 12th Generation Intel Core™ i5-12500, i5-12500T, i5-12600, i5-12600T, i7-12700, i7-12700T, i9-12900, and i9-12900T processors

# OPTIPLEX 7000

FEATURE	TECHNICAL SPECIFICATION	TECHNICAL SPECIFICATION	TECHNICAL SPECIFICATION
<b>MODEL NUMBER<sup>1</sup></b>	OptiPlex 7000 Tower	OptiPlex 7000 Small Form Factor	OptiPlex 7000 Micro
<b>DISPLAY OPTIONS</b>	Dell commercial displays including E series, Professional P series, UltraSharp, and collaboration monitors	Dell commercial displays including E series, Professional P series, UltraSharp, and Collaboration monitors	Dell commercial displays including E series, Professional P series, UltraSharp, and Collaboration monitors
<b>CASE COLOUR</b>	Dell Standard Black	Dell Standard Black	Dell Standard Black
<b>PRODUCTIVITY SOFTWARE<sup>1</sup></b>	Microsoft Office 30-day trial Microsoft Office Home and Business 2019 Microsoft Office Professional 2019 Dell Hybrid Client 1.6 (optional) Dell Optimizer 3.0	Microsoft Office 30-day trial Microsoft Office Home and Business 2019 Microsoft Office Professional 2019 Dell Hybrid Client 1.6 (optional) Dell Optimizer 3.0	Microsoft Office 30-day trial Microsoft Office Home and Business 2019 Microsoft Office Professional 2019 Dell Hybrid Client 1.6 (optional) Dell Optimizer 3.0
<b>SECURITY SOFTWARE</b>	McAfee <sup>®</sup> Small Business Security 30-day free trial McAfee <sup>®</sup> Small Business Security 12-month subscription McAfee <sup>®</sup> 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	McAfee <sup>®</sup> Small Business Security 30-day Free Trial McAfee <sup>®</sup> Small Business Security 12-month subscription McAfee <sup>®</sup> 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	McAfee <sup>®</sup> Small Business Security 30-day free trial McAfee <sup>®</sup> Small Business Security 12-month subscription McAfee <sup>®</sup> 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
<b>WARRANTY<sup>2,10</sup></b>	3-year basic warranty with hardware service on-site service after remote diagnosis 4-year basic warranty extension 5-year basic warranty extension 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	3-year basic warranty with hardware service on-site service after remote diagnostics 4-year basic warranty extension 5-year basic warranty extension 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	3-year Basic Warranty with Hardware Service on-site service after remote diagnosis 4-year Basic Warranty Extension 5-year Basic Warranty Extension 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
<b>ACCIDENTAL DAMAGE SERVICES</b>	3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service	3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service	3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service
<b>KEYBOARD<sup>1</sup></b>	N/A	N/A	N/A
<b>PORTS</b>	<p><b>Front:</b> USB 3.2 Gen 2x2 Type-C<sup>®</sup> port USB 2.0 Type-A port with PowerShare USB 2.0 Type-A port USB 3.2 Gen 2 Type-A port Universal audio jack</p> <p><b>Rear:</b> (3) USB 3.2 Gen 1 Type-A ports USB 3.2 Gen 2 Type-A port (2) USB 2.0 Type-A ports with Smart Power On RJ45 Ethernet port Re-tasking line out/line in audio port (3) DisplayPort 1.4a ports Optional video port (HDMI 2.0b/ DisplayPort 1.4a/ VGA/ USB 3.2 Gen 2 Type-C<sup>®</sup> with DisplayPort Alt mode) Serial/PS2 port (optional)</p>	<p><b>Front:</b> USB 2.0 Type-A port with PowerShare USB 2.0 Type-A port USB 3.2 Gen 2 Type-A port USB 3.2 Gen 2x2 Type-C<sup>®</sup> port Universal audio port</p> <p><b>Rear:</b> (3) USB 3.2 Gen 1 Type-A ports USB 3.2 Gen 2 Type-A port (2) USB 2.0 Type-A ports with Smart Power On (3) DisplayPort 1.4a ports Re-tasking line-out/line-in audio port RJ45 Ethernet port Optional video port (HDMI 2.0b/DisplayPort 1.4a/ VGA/USB 3.2 Gen 2 Type-C<sup>®</sup> port with DisplayPort Alt Mode) Serial/PS2 port (optional)</p>	<p><b>Front:</b> USB 3.2 Gen 2 Type-A port with PowerShare USB 3.2 Gen 2x2 Type-C<sup>®</sup> port Universal audio jack Re-tasking line out/line in audio port</p> <p><b>Rear (For 35W):</b> RJ45 Ethernet port Optional port (HDMI 2.0b/DisplayPort 1.4a/ VGA/ PS2/Serial/USB 3.2 Gen 2 Type-C<sup>®</sup> port with DisplayPort Alt Mode) USB 3.2 Gen 1 Type-A port USB 3.2 Gen 1 Type-A port with Smart Power On (2) USB 3.2 Gen 2 Type-A ports (2) DisplayPort 1.4a (HBR2) Power adapter port</p> <p><b>Rear (For 65W):</b> RJ45 Ethernet port Optional port (HDMI 2.0b/DisplayPort 1.4a/ VGA/ PS2/Serial/USB 3.2 Gen 2 Type-C<sup>®</sup> port with DisplayPort Alt Mode) USB 3.2 Gen 1 Type-A port with Smart Power On (2) USB 3.2 Gen 2 Type-A ports (3) DisplayPort 1.4a (HBR2) Power adapter port</p>
<b>OPTICAL DRIVE</b>	8x DVD-ROM (optional) 8x DVD+/-RW (optional)	8x DVD RW, Slimline 9.5mm (optional) 8x DVD-ROM, Slimline 9.5mm (optional)	No optical drive

# OPTIPLEX 7000

## FEATURE TECHNICAL SPECIFICATION

<b>MODEL NUMBER<sup>1</sup></b>	OptiPlex 7000 Tower
<b>SLOTS</b>	SD 4.0 card slot (optional) Full-height Gen 4 PCIe x16 slot Full height Gen 3 PCIe x4 open-end slot Full-height PCI-32 slot Full-height Gen 3 PCIe x1 slot M.2 2230 slot for Wi-Fi and Bluetooth card (3) M.2 2230/2280 slots for SSD (4) SATA slots for 3.5-inch/2.5-inch HDD/SSD, and slim Optical Drive Kensington security-cable slot Padlock ring
<b>DIMENSIONS</b>	<b>US:</b> Height: 14.45in. (367.00mm) Width: 6.65in. (169.00mm) Depth: 11.84in. (300.80mm) Weight (min): 13.06lb (5.92kg) Weight (max): 21.35lb (9.68kg)  <b>Rest of world:</b> Height: 367.0 mm (14.45in.) Width: 169.00mm (6.65in.) Depth: 300.80mm (11.8in.) Weight (min): 5.92kg (13.06lb) Weight (max): 9.68kg (21.35lb)
<b>CAMERA</b>	No camera
<b>AUDIO &amp; SPEAKERS<sup>1</sup></b>	Realtek Audio Controller, ALC3246-CG
<b>WIRELESS</b>	Intel® AX211, 2x2 MIMO, 2400Mbps, 2.40GHz/5GHz/6GHz, Wi-Fi 6E (WiFi 802.11ax), Bluetooth® 5.2 Intel® 9462, 1x1, 433Mbps, 2.40GHz / 5GHz, Wi-Fi 5 (802.11ac), Bluetooth® 5.1 MediaTek® MT7921, 2x2 MIMO, 1200Mbps, 2.40GHz / 5GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth® 5.2
<b>BATTERY</b>	No battery
<b>POWER OPTIONS</b>	240W internal power supply unit (PSU), 85% Efficient, 80 Plus Bronze 260W internal power supply unit (PSU), 85% Efficient, 80 Plus Bronze 400W internal power supply unit (PSU), 92% Efficient, 80 Plus Platinum 500W internal power supply unit (PSU), 92% Efficient, 80 Plus Platinum
<b>REGULATORY<sup>8,12</sup></b>	<b>Product Safety, EMC and Environmental Datasheets:</b> <a href="https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental">https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental</a>  <b>Dell Regulatory Compliance Home Page:</b> <a href="https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp">https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp</a>  <b>Dell and the Environment:</b> <a href="https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm">https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm</a>
<b>CHIPSET</b>	Intel® Q670
<b>HARDWARE SECURITY</b>	Kensington security-cable slot Padlock ring Chassis 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

## TECHNICAL SPECIFICATION

<b>MODEL NUMBER<sup>1</sup></b>	OptiPlex 7000 Small Form Factor
<b>SLOTS</b>	SD 4.0 card slot (optional) Half-height Gen 4 PCIe x16 slot Half-height Gen 3 PCIe x4 slot M.2 2230 slot for Wi-Fi and Bluetooth card M.2 2230/2280 slots for SSD M.2 2230 slots for SSD M.2 2280 slots for SSD (3) SATA 3.0 slots for 3.5/2.5-inch HDD, and slim optical drive Kensington security-cable slot Padlock ring
<b>DIMENSIONS</b>	<b>US:</b> Height: 11.42in. (290.00mm) Width: 3.65in. (92.60mm) Depth: 11.53in. (292.80mm) Weight (minimum): 8.50lb (3.85kg) Weight (maximum): 11.69lb (5.30kg)  <b>Rest of world:</b> Height: 290.00mm (11.42in.) Width: 92.60mm (3.65in.) Depth: 292.80mm (11.53in.) Weight (minimum): 3.85kg (8.50lb) Weight (maximum): 5.30kg (11.69lb)
<b>CAMERA</b>	No camera
<b>AUDIO &amp; SPEAKERS<sup>1</sup></b>	Realtek Audio Controller, ALC3246-CG
<b>WIRELESS</b>	Intel® AX211, 2x2 MIMO, 2400Mbps, 2.40GHz/5GHz/6GHz, Wi-Fi 6E (WiFi 802.11ax), Bluetooth® 5.2 Intel® 9462, 1x1, 433Mbps, 2.40GHz/5GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth® 5.1 MediaTek® MT7921, 2x2 MIMO, 1200Mbps, 2.40GHz / 5GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth® 5.2
<b>BATTERY</b>	No battery
<b>POWER OPTIONS</b>	240W internal power supply unit (PSU), 85% Efficient, 80 Plus Bronze 260W internal power supply unit (PSU), 85% Efficient, 80 Plus Bronze 300W internal power supply unit (PSU), 92% Efficient, 80 Plus Platinum
<b>REGULATORY<sup>8,12</sup></b>	<b>Product Safety, EMC and Environmental Datasheets:</b> <a href="https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental">https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental</a>  <b>Dell Regulatory Compliance Home Page:</b> <a href="https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp">https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp</a>  <b>Dell and the Environment:</b> <a href="https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm">https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm</a>
<b>CHIPSET</b>	Intel® Q670
<b>HARDWARE SECURITY</b>	Kensington security-cable slot Padlock ring Chassis 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

## TECHNICAL SPECIFICATION

<b>MODEL NUMBER<sup>1</sup></b>	OptiPlex 7000 Micro
<b>SLOTS</b>	M.2 2230 slot for Wi-Fi and Bluetooth card (2) M.2 2230/2280 slot for SSD Kensington security-cable slot Padlock ring
<b>DIMENSIONS</b>	<b>US:</b> Height: 7.17in. (182.00mm) Width: 1.42in. (36.00mm) Depth: 7.00in. (178.00mm) Weight: 2.06lbs. (0.94kg)  <b>Rest of world:</b> Height: 182.00mm (7.17in.) Width: 36.00mm (1.42in.) Depth: 178.00mm (7.00in.) Weight: 0.94kg (2.06lbs.)
<b>CAMERA</b>	No camera
<b>AUDIO &amp; SPEAKERS<sup>1</sup></b>	Realtek Audio Controller, ALC3246-CG
<b>WIRELESS</b>	Intel® AX211, 2x2 MIMO, 2400Mbps, 2.40GHz/5GHz/6GHz, Wi-Fi 6E (WiFi 802.11ax), Bluetooth® 5.2 Intel® 9462, 1x1, 433Mbps, 2.40GHz/5GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth® 5.1 MediaTek® MT7921, 2x2 MIMO, 1200Mbps, 2.40GHz / 5GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth® 5.2
<b>BATTERY</b>	No battery
<b>POWER OPTIONS</b>	90W AC adapter, 4.5mm barrel for 35W 130W AC adapter, 4.5mm barrel for 35W 180W AC adapter, 7.4mm barrel for 65W
<b>REGULATORY<sup>8,12</sup></b>	<b>Product Safety, EMC and Environmental Datasheets:</b> <a href="https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental">https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental</a>  <b>Dell Regulatory Compliance Home Page:</b> <a href="https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp">https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp</a>  <b>Dell and the Environment:</b> <a href="https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm">https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm</a>
<b>CHIPSET</b>	Intel® Q670
<b>HARDWARE SECURITY</b>	Kensington security-cable slot Padlock ring Chassis lock slot support Chassis intrusion switch 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



# OPTIPLEX 7000

## FEATURE TECHNICAL SPECIFICATION

**MODEL NUMBER<sup>1</sup>** OptiPlex 7000 Tower

**RECOMMENDED ACCESSORIES**

**Keyboard and Mouse:**  
 Dell Business Multimedia Keyboard - KB522  
 Dell Smartcard Keyboard - KB813  
 Dell Multi-Device Wireless Keyboard and Mouse Combo - KM7120W  
 Dell Multimedia Keyboard - KB216  
 Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W  
 Dell Pro Wireless Keyboard and Mouse - KM5221W

**Audio and Speakers:**  
 Dell Slim Soundbar - SB521A

**Audio Headsets:**  
 Dell Pro Stereo Headset - WH3022

**SYSTEMS MANAGEMENT** Dell Client Command Suite for In-Band systems management  
 Intel® vPro™ Enterprise for Out-of-Band systems management

**CONFIGURATION SERVICES** Factory image load  
 BIOS customization  
 Hardware customization  
 Asset Tagging and Reporting

**ADD-IN CARDS** SD 4.0 Media Card Reader  
 USB 3.2 Gen 2 Type-C PCIe Card  
 Serial/Parallel Port Card  
 i225 PCIe x1 2.5 GbE NIC Card  
 2<sup>nd</sup> Intel Gb NIC PCIe Card  
 Powered Serial PCIe card  
 USB 3.2 Gen 2 Type-A Card  
 Powered USB 12/24 V card  
 Thunderbolt 4 PCIe Card  
 PS/2 Card

## TECHNICAL SPECIFICATION

OptiPlex 7000 Small Form Factor

**Keyboard and Mouse:**  
 Dell Pro Wireless Keyboard and Mouse - KM5221W

**Audio Speakers:**  
 Dell Slim Soundbar - SB521A

**Audio Headsets:**  
 Dell Pro Stereo Headset - WH3022

Dell Client Command Suite for In-Band systems management  
 Intel® vPro™ Enterprise for Out-of-Band systems management

Factory image load  
 BIOS customization  
 Hardware customization  
 Asset Tagging and Reporting

SD 4.0 Media Card Reader  
 USB 3.2 Gen 2 Type-C® PCIe card  
 2<sup>nd</sup> Intel Gb NIC PCIe Card  
 Serial port PCIe low profile card  
 i225 2.5 GbE PCIe x1 NIC Card  
 Parallel port PCIe low profile card  
 USB 3.2 Gen 2 Type-A PCIe card

## TECHNICAL SPECIFICATION

OptiPlex 7000 Micro

**Keyboard and Mouse:**  
 Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W

**Audio and Speakers:**  
 Dell Slim Soundbar - SB521A

**Audio Headsets:**  
 Dell Pro Stereo Headset - WH3022

**Mounting Options:**  
 OptiPlex Micro and Thin Client Vertical Stand  
 OptiPlex Micro and Thin Client and VESA Under-the Desk and Wall Mount  
 OptiPlex Micro and Thin Client PSU Adapter Sleeve  
 OptiPlex Micro and Thin Client Pro 2 E Series Monitor Mount  
 OptiPlex Micro and Thin Client Dual VESA Mount  
 OptiPlex Micro and Thin Client All-in-One Stand (MFS22)

Dell Client Command Suite for In-Band systems management  
 Intel® vPro™ Enterprise for Out-of-Band systems management

Factory image load  
 BIOS customization  
 Hardware customization  
 Asset Tagging and Reporting

N/A

**Product Disclosures: pages 2-5**

\* EPEAT registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.

1 Final performance benchmarks pending.

2 Available on 7000 Tower and Small Form Factor.

3 Available on Windows® 11

4 VR capable graphics available on 7000 Tower.

5 Based on internal analysis, April 2021. Dell Optimizer available in 2020 devices, not available in OptiPlex 3000 series. Feature availability and functionality varies by model.

6 Available on 7000 Tower and Micro.

7 Based on internal analysis, April 2021

8 Based on internal analysis, April 2021, only applies to OptiPlex Micro.

9 Based on internal analysis, April 2021. 20% closed-loop recycled aluminum by weight in the 2TB 3.5" hard drive, optional on the OptiPlex 7090 Tower and 7090 Small Form Factor.

14 Based on Dell Internal analysis, January 2019.

15 Based on internal analysis, April 2021. Dell Optimizer available in 2020 devices, not available in OptiPlex 3000 series, Latitude 3310 2-in-1 and Latitude Chromebook Enterprise. Feature availability and functionality varies by model.

16 ExpressResponse must be enabled in the Applications feature. DO learns how user uses the selected application(s) over several hours. Based on Dell testing using Sysmark 2018 benchmark on a Latitude system running productivity applications; and using performance evaluation benchmarks on Precision mobile workstations running ISV applications, March 2020. Improvement will vary based on product configuration, use, application and other factors.

17 User must input preferred apps first in order for them to be analyzed.

18 ExpressConnect available with Dell Optimizer software version 2.0 and onwards. Download the latest at <https://www.dell.com/support/home>.

19 Simultaneous multi-network connection (or Connection based teaming) is a new connectivity feature under ExpressConnect. It simultaneously sends and receives data and video traffic using two or more wired or wireless connections. Based on Dell internal analysis.

20 Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

**Product Disclosures: pages 6-9**

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](http://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.lockforlaptops.com](http://www.lockforlaptops.com).

8 Please refer to [www.epeat.net](http://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](http://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](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.

11 Dell Services: Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions).

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](http://www.dell.com/support/home/us/en/19).