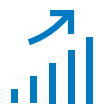


DELL 24 MONITOR | E2422HS

The essentials you need to be more productive.



UPGRADE YOUR ESSENTIALS

Enhance your daily workflow with this space saving 23.8" FHD monitor that comes with a wide viewing angle, height adjustable stand and integrated speakers.



DELL DISPLAY MANAGER

Superior productivity and manageability featuring quick access keys, preset layouts, multi-monitor configuration and remote management for IT managers.



ECO-CONSCIOUS DESIGN

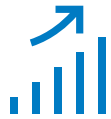
An ENERGY STAR® certified and EPEAT® Gold registered¹ monitor that meets stringent, energy efficient requirements.



TRUSTED RELIABILITY

As the world's #1 monitor company*, we take pride in our unyielding commitment to quality and the utmost satisfaction of our customers.

Reliable, eco-conscious monitor at a great value



UPGRADE YOUR ESSENTIALS

Wide viewing angle: See your work in FHD clarity and with IPS technology, you'll get consistent color and picture quality across a wide 178°/178° viewing angle.

Designed for all day comfort: Tilt your screen and adjust the height of the monitor to your viewing comfort. See clearly even over extended periods with the flicker-free screen and ComfortView, a software low blue light solution that optimizes eye comfort.

Integrated audio: Get acoustic alerts and audio capabilities through two built-in speakers.

Convenient connectivity: Connect to current and legacy systems via HDMI, VGA and DP ports.

Enhance your desktop: Complement any workspace with a clean simple design and a slim monitor bezel. The space-saving compact stand and improved cable management cuts clutter and maximizes desk space.

Adapts to your needs: Make your workspace your own with VESA-compatible mounts and stands.



ECO-CONSCIOUS

Energy efficient: This monitor meets the latest regulatory and environmental standards such as ENERGY STAR® and TCO Certified Displays, and is registered EPEAT® Gold!

Reduce energy: Save energy with PowerNap², a feature that dims or puts the monitor to sleep when not in use.



DELL DISPLAY MANAGER

Productive at every level: Dell Display Manager's (DDM) Easy Arrange feature lets you quickly tile and view your applications side by side across one or more connected screens for multi-tasking efficiency.

Seamless transitions: The Auto-Restore feature remembers where you left off, so applications will go back to where you left them — even after you've unplugged.

The key to convenience: Shortcut keys can save you time, allowing quick access to commonly used controls that let you work faster.

More ways to manage: Asset management reports allow IT managers to quickly capture and track monitor information as well as configure multiple displays at once through a single setup.

THANK YOU
FOR MAKING
DELL MONITORS
#1 WORLDWIDE*

Uncompromised testing: Rigorous development processes help ensure consistent, reliable performance in busy office environments.

Minimize downtime: Your monitor comes with a 3-year Advanced Exchange Service³ so that if a replacement becomes necessary, it will be shipped to you the next business day during your 3-year Limited Hardware Warranty.⁴

Get a higher level of support: Upgrade to 24 X 7, in-region technical phone support from qualified engineers with Dell ProSupport option.⁵

Features & Technical Specifications

Monitor	Dell 24 Monitor – E2422HS
Diagonal Viewing Size	60.47 cm (23.8 inches)
Horizontal	527.04 mm (20.75 inches)
Vertical	296.46 mm (11.67 inches)
Maximum Preset Resolution	1920 x 1080 at 60 Hz
Aspect Ratio	16:9
Pixel Pitch	0.2745 mm x 0.2745 mm
Pixel Per Inch (PPI)	93
Brightness	250 cd/m ² (typical)
Color Support	Color gamut (typical): 83% (CIE1976), 72% (CIE1931) Color depth: 16.7 Million
Contrast Ratio	1000:1 (typical)
Viewing Angle	178°/178°
Response Time	5 ms typical (Fast) (gray to gray) 8 ms typical (Normal) (gray to gray)
Panel Type	IPS (In-Plane Switching)
Display Screen Coating	Anti-Glare
Backlight Technology	LED
Low Blue Light solution with Flicker-free screen	Yes (ComfortView)
Dell Display Manager Compatibility	Yes
Remote Asset Management	Yes, via Dell Display Manager
Integrated Speakers	Yes - Integrated speakers with 2 x 1w
Connectivity	
Connectors	1 x VGA 1 x DisplayPort 1.2 1 x HDMI 1.4
HDCP Support	HDMI HDCP 1.4
Design Features	
Adjustability	Height adjustable (100 +/-5 mm) and Tilt (-5° to 21°)
Security	Security lock slot (cable lock sold separately)
Flat Panel Mount Interface	VESA (100 mm)
Power	
AC input voltage/frequency/current	100 VAC to 240 VAC /50 Hz or 60 Hz +/- 3 Hz /1.5 A
Power Consumption (Operational)	0.3 W (Off Mode) 0.3 W (Standby Mode) 16.0 W (On Mode) 28.0 W (Max)
Power Consumption Stand by/Sleep	Less than 0.3W
Dimensions (with stand)	
Height (Compressed ~ Extended)	390.34 mm ~ 490.34 mm (15.37 inches ~ 19.30 inches)
Width	552.64 mm (21.76 inches)
Depth	187.28 mm (7.37 inches)
Weight	
Weight (panel only - for VESA mount/ no cables)	3.24 kg (7.14 lb)
Weight (monitor and cables with stand)	4.88 kg (10.76 lb)
Weight (with packaging)	6.40 kg (14.11 lb)
Standard Service Plan	3-Years Advanced Exchange Service ³ and Limited Hardware Warranty ⁴
Optional Service Plan	Dell ProSupport ⁵
Environmental Compliance	ENERGY STAR®, EPEAT® Gold registered where applicable ¹ , TCO Certified Display

What's in the box?

Components

- Monitor with stand
- 1 x VESA screw cover

Cables

- Power cable
- 1 x HDMI Cable
- 1 x VGA Cable (EMEA and Japan only)

Documentation

- Quick Setup Guide
- Safety and Regulatory Information

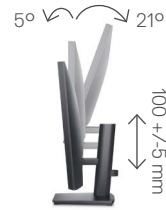
Recommended Accessories

DELL 24 MONITOR | E2422HS

Easily adjust the panel to your preferred viewing position.



Back view -
Cable management slot



Tilt and height adjustable

Connectivity



- 1 Power connector
- 2 DP port
- 3 HDMI port
- 4 VGA port
- 5 Speakers

RECOMMENDED ACCESSORIES



DELL DUAL MONITOR ARM |
MDA20

This comprehensive dual monitor and system mounting solution keeps your desk clutter-free. Simple to install, this innovative monitor arm offers swivel angle adjustment with the flip of a switch.



DELL PRO WIRELESS KEYBOARD
AND MOUSE | KM5221W

Enhance your everyday productivity with a quiet full size keyboard and mouse combo that offers programmable shortcuts and 36 months** battery life.



DELL PRO STEREO HEADSET |
WH3022

Experience great audio clarity with this Teams certified wired headset that provides convenient call controls at your fingertips.

* Dell monitors are #1 Worldwide for 8 consecutive years (2013, Q2 to 2021, Q1)! Source: IDC Worldwide Quarterly PC Monitor Tracker, Q1, 2021.

** Based on Dell analysis of battery life usage model calculations, Nov 2020. Results vary depending on use, operating conditions and other factors.

1 EPEAT Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

2 PowerNap is available via Dell Display Manager. Download the software at www.dell.com/ddm

3 Advanced Exchange Service: Dell will send you a replacement monitor the next business day in most cases, if deemed necessary after phone/online diagnosis. Shipping times may vary by location and for monitors 55" and above. Fee charged for failure to return defective unit. See dell.com/servicecontracts/global for details.

4 For a copy of the Limited Hardware Warranty, write to Dell USA LP, Attention: Warranties One Dell Way, Round Rock, TX 78682 or see dell.com/warranty for details.

5 Availability varies by region, please visit dell.com/support for details.

Dell.com/monitors

Product availability varies by country. Please contact your Dell representative for more information.

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OPTIPLEX

5000 Tower, Small Form Factor and Micro

Intelligent desktops with
right-sized performance
and configurability



OPTIPLEX 5000

Technology that revolves around you

Our most intelligent business desktops, featuring the built-in AI of Dell Optimizer, enable personalized performance and configurability

• • •

Most powerful OptiPlex yet

Intel vPro® with 12th Gen Intel® Core™ i7 processors deliver business-class performance that accelerates productivity while minimizing security risks by leveraging technologies deep in the silicon¹

• • •

Most intelligent with Dell Optimizer³

More intuitive app performance, connectivity and audio experiences

• • •

Ventilated front bezel

Optimizes air intake to keep your system cool and protected

• • •

Wi-Fi 6E option

Future-proof your IT with the industry's fastest speeds²

• • •

Support 8K resolutions displays

Optional DP port lets you experience visual effects with better color grading and motion stabilization

• • •

Experience immersive visuals

With integrated graphics and optional AMD discrete graphics cards

• • •

Faster DDR4 memory speeds

Support for up to 128GB DDR4 memory with speeds up to 3200MHz makes your most efficient days possible

• • •

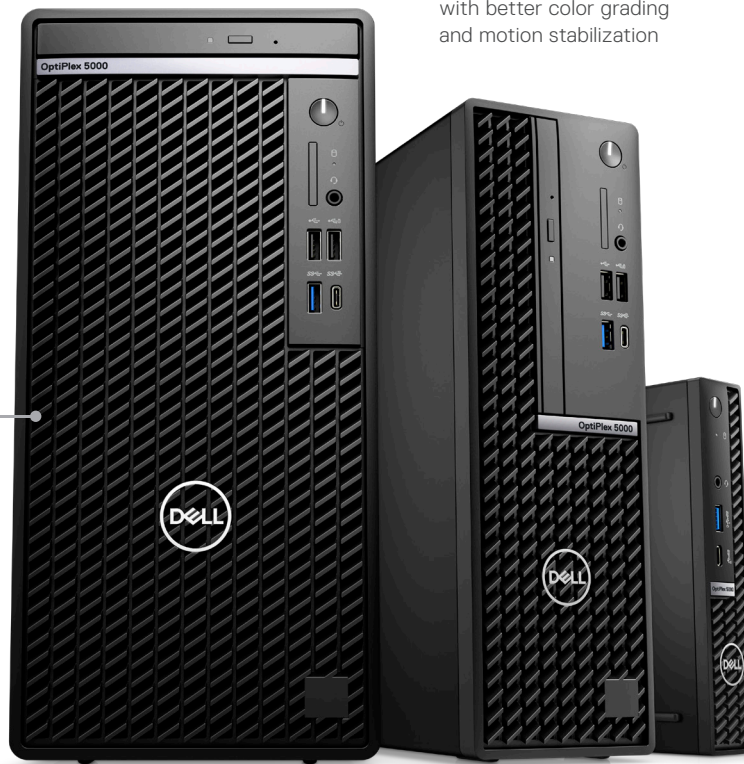
Native support for up to 4 displays

Without the need for additional graphics card

• • •

Take control with Intel® vPro® Essentials

Remote management of multiple terminals now available for OptiPlex 5000



• • •

Most sustainable OptiPlex yet

With up to 60% recycled materials⁴ including 1st ocean-bound plastics.⁵ EPEAT Gold and ENERGY STAR qualified on select configurations

• • •

Our greatest breadth of custom accessories

including all new micro mounts

5000

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 2007.⁶

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



5000

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

Dell Optimizer revolutionizes the way you work by fueling the world's most intelligent PCs¹². 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

ExpressResponse¹³ analyzes how you use your preferred apps¹⁴ to boost performance.



Enhanced audio

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



Unmatched connectivity

ExpressConnect¹⁵ provides the world's first simultaneous multi-network connection¹⁶ that joins the best network¹⁷ 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 FOR HOME OR OFFICE WORKSPACES

PURPOSE-BUILT



Dell UltraSharp 24 Monitor - U2422H

Elevate your productivity on this 24" FHD monitor with brilliant color coverage and ComfortView Plus, an always-on built-in low blue light screen.



Dell Pro Wireless Keyboard and Mouse - KM5221W

Enhance your everyday productivity with a quiet full size keyboard and mouse combo that offers programmable shortcuts and 36 months battery life.¹⁸



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.¹⁹



OptiPlex Tower, 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 5000

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER¹ OptiPlex 5000 Tower

PROCESSOR OPTIONS²

Intel® Pentium® Gold G7400, 6MB cache, 2 cores, 4 threads, up to 3.70GHz, 46W
 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

OPERATING SYSTEM¹

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^{1,2,3}

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

PRIMARY HARD DISK DRIVES^{1,5}

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, Class 35 SSD
 M.2 2230, 512GB, PCIe NVMe, Class 35 SSD
 M.2 2230, 1TB, PCIe NVMe, Class 35 SSD
 M.2 2230, 256GB, PCIe NVMe, Class 35 SSD, self-encrypting drive
 M.2 2280, 512GB, PCIe NVMe, Class 40 SSD, self-encrypting drive
 M.2 2280, 1TB, PCIe NVMe, Class 40 SSD, self-encrypting drive
 M.2 2280, 512GB, PCIe NVMe, Class 40 SSD
 M.2 2280, 1TB, PCIe NVMe, Class 40 SSD
 M.2 2280, 2TB, PCIe NVMe, Class 40 SSD

GRAPHICS

Intel® UHD Graphics 710 with 12th Generation Intel® Pentium® Gold G7400 processor
 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, and i7-12700 processors
 AMD Radeon™ RX 640, 4GB GDDR5
 AMD Radeon™ 550, 2GB GDDR5
 AMD Radeon™ 540, 1GB GDDR5

TECHNICAL SPECIFICATION

OptiPlex 5000 Small Form Factor

Intel® Pentium® Gold G7400, 6MB cache, 2 cores, 4 threads, up to 3.70GHz, 46W
 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

Windows 11 Home, 64-bit
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 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 710 with 12th Generation Intel® Pentium® Gold G7400 processor
 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, and i7-12700 processors
 AMD Radeon™ RX 640, 4GB GDDR5
 AMD Radeon™ 540, 1GB GDDR5
 AMD Radeon™ 550, 2GB GDDR5

TECHNICAL SPECIFICATION

OptiPlex 5000 Micro

Intel® Pentium® G7400T, 6MB cache, 2 cores, 4 threads, up to 2.80GHz, 35W
 12th Generation Intel® Core™ i3-12100T, 12MB cache, 4 cores, 8 threads, 2.20GHz to 4.10GHz, 35W
 12th Generation Intel® Core™ i3-12300T, 12MB cache, 4 cores, 8 threads, 2.30GHz to 4.20GHz, 35W
 12th Generation Intel® Core™ i5-12400T, 18MB cache, 6 cores, 12 threads, 1.80GHz to 4.20GHz, 35W
 12th Generation Intel® Core™ i5-12500T vPro®, 18MB cache, 6 cores, 12 threads, 2.00GHz to 4.40GHz, 35W
 12th Generation Intel® Core™ i5-12600T vPro®, 18MB cache, 6 cores, 12 threads, 2.10GHz to 4.60GHz, 35W
 12th Generation Intel® Core™ i7-12700T vPro®, 25MB cache, 12 cores, 20 threads, 1.40GHz to 4.70GHz, 35W

Windows 11 Home, 64-bit
 Windows 11 Pro, 64-bit
 Windows 11 Downgrade (Windows 10 image)
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 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
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 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

2.5-inch, 1TB, 5400RPM, SATA, HDD
 2.5-inch, 2TB, 5400RPM, SATA, HDD
 2.5-inch, 500GB, 7200RPM, SATA, HDD
 2.5-inch, 1TB, 7200RPM, SATA, HDD
 2.5-inch, 500GB, 7200RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS
 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, 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 710 with 12th Generation Intel® Pentium® Gold G7400T processor
 Intel® UHD Graphics 730 with 12th Generation Intel® Core™ i3-12100T, i3-12300T, and i5-12400T processors
 Intel® UHD Graphics 770 with 12th Generation Intel® Core™ i5-12500T, i5-12600T, and i7-12700T processors

OPTIPLEX 5000

FEATURE	TECHNICAL SPECIFICATION	TECHNICAL SPECIFICATION	TECHNICAL SPECIFICATION
MODEL NUMBER¹	OptiPlex 5000 Tower	OptiPlex 5000 Small Form Factor	OptiPlex 5000 Micro
DISPLAY OPTIONS	Dell 24 Monitor - P2422H Dell UltraSharp 24 Monitor - U2422H	Dell 24 Monitor - P2422H Dell UltraSharp 24 Monitor - U2422H	Dell 24 Monitor - P2422H Dell UltraSharp 24 Monitor - U2422H
CASE COLOUR	Dell Standard Black	Dell Standard Black	Dell Standard Black
PRODUCTIVITY SOFTWARE¹	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
SECURITY SOFTWARE	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	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	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
WARRANTY^{9,10}	3 years basic warranty with hardware service on site service after remote diagnosis 4 years basic warranty extension 5 years 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 years basic warranty with hardware service on-site service after remote diagnostics 4 years basic warranty extension 5 years 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 years basic warranty with hardware service on site service after remote diagnosis 4 years basic warranty extension 5 years 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
ACCIDENTAL DAMAGE SERVICES	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
KEYBOARD¹	Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W	Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W	Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W
PORTS	Front: USB 3.2 Gen 2 Type-C® port USB 2.0 Type-A port with PowerShare USB 2.0 Type-A port USB 3.2 Gen 1 Type-A port Universal audio jack Rear: (4) USB 3.2 Gen 1 Type-A ports (2) USB 2.0 Type-A ports with Smart Power On RJ45 Ethernet port (2) DisplayPort 1.4a ports Optional video port (HDMI 2.0b/DisplayPort 1.4a/ VGA/USB 3.2 Gen 2 Type-C port with DisplayPort Alt Mode) Serial/PS2 port (optional)	Front: USB 2.0 Type-A port with PowerShare USB 2.0 Type-A port USB 3.2 Gen 1 Type-A port USB 3.2 Gen 2x1 Type-C® port Universal audio port Rear: (4) USB 3.2 Gen 1 Type-A ports (2) USB 2.0 Type-A ports with Smart Power On (2) DisplayPort 1.4a ports RJ45 Ethernet port Optional video port (HDMI 2.0b/DisplayPort 1.4a/ VGA/USB 3.2 Gen 2 Type-C port with DisplayPort Alt Mode) Serial/PS2 port (optional)	Front: USB 3.2 Gen 1 Type-A port with PowerShare USB 3.2 Gen 2 Type-C® port Universal audio jack Rear (For 35W): RJ45 Ethernet port Optional port (HDMI 2.0b/DisplayPort 1.4a/VGA/PS2/Serial/USB 3.2 Gen 2 Type-C with DisplayPort Alt mode) USB 3.2 Gen 1 Type-A port with Smart Power On (3) USB 3.2 Gen 1 Type-A ports (2) DisplayPort 1.4a (HBR2) Power adapter port
OPTICAL DRIVE	8x DVD-ROM (optional) 8x DVD±RW (optional)	8x DVD±RW, Slimline 9.5mm (optional) 8x DVD-ROM 9.5mm (optional)	No optical drive

OPTIPLEX 5000

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER¹ OptiPlex 5000 Tower

SLOTS SD 4.0 card slot (optional)
Full-height Gen 3 PCIe x16 slot
Full-height Gen 3 PCIe x4 (open end) slot
(2) full-height Gen 3 PCIe x1 slot
M.2 2230 slot for Wi-Fi and Bluetooth card
M.2 2230/2280 slot for SSD
(4) SATA 3.0 slots for 3.5-inch/2.5-inch HDD/SSD, and slim Optical Drive
Kensington security-cable slot
Padlock ring

DIMENSIONS US:
Height: 12.77in. (324.30mm)
Width: 6.06in. (154.00mm)
Depth: 11.50in. (292.20mm)
Weight (min): 11.94lb (5.41kg)
Weight (max): 16.18lb (7.34kg)

Rest of world:
Height: 324.30mm (12.77in.)
Width: 154.00mm (6.06in.)
Depth: 292.20mm (11.50in.)
Weight (min): 5.41kg (11.94lb)
Weight (max): 7.34kg (16.18lb)

CAMERA No camera

AUDIO & SPEAKERS¹ Realtek Audio Controller, ALC3246-CG
Internal speakers (optional)

WIRELESS Intel® AX211, 2x2 MIMO, 2400Mbps, 2.40GHz/5GHz/6GHz, Wi-Fi 6E (WiFi 802.11ax), Bluetooth® 5.2
Realtek® RTL8821CE, 1x1, 433Mbps, 2.40GHz/5GHz, Wi-Fi 5 (802.11ac), Bluetooth® 5.0
Realtek® RTL8822CE, 2x2 MIMO, 867Mbps, 2.40GHz/5GHz, Wi-Fi 5 (802.11ac), Bluetooth® 5.0

BATTERY OPTIONS No battery

POWER OPTIONS 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

REGULATORY^{8,12} **Product Safety, EMC and Environmental Datasheets:**
<https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental>

Dell Regulatory Compliance Home Page:
<https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp>

Dell and the Environment:
<https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm>

CHIPSET Intel® Q670

HARDWARE SECURITY 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

OptiPlex 5000 Small Form Factor

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 WiFi and Bluetooth card
M.2 2230/2280 slot for SSD
(3) SATA 3.0 slots for 3.5/2.5-inch HDD, slim optical drive
Kensington security-cable slot
Padlock ring

US:
Height: 11.42in. (290.00mm)
Width: 3.65in. (92.60mm)
Depth: 11.53in. (292.80mm)
Weight (minimum): 8.47lb (3.84kg)
Weight (maximum): 11.39lb (5.16kg)

Rest of world:
Height: 290.00mm (11.42in.)
Width: 92.60mm (3.65in.)
Depth: 292.80mm (11.53in.)
Weight (minimum): 3.84kg (8.47lb)
Weight (maximum): 5.16kg (11.39lb)

No camera

Realtek Audio Controller, ALC3246-CG

Intel® AX211, 2x2 MIMO, 2400Mbps, 2.40GHz/5GHz/6GHz, Wi-Fi 6E (WiFi 802.11ax), Bluetooth® 5.2
Realtek® RTL8821CE, 1x1, 433Mbps, 2.40GHz/5GHz, Wi-Fi 5 (802.11ac), Bluetooth® 5.0
Realtek® RTL8822CE, 2x2 MIMO, 867Mbps, 2.40GHz/5GHz, Wi-Fi 5 (802.11ac), Bluetooth® 5.0

No battery

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

Product Safety, EMC and Environmental Datasheets:
<https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental>

Dell Regulatory Compliance Home Page:
<https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp>

Dell and the Environment:
<https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm>

Intel® Q670

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

OptiPlex 5000 Micro

Kensington security-cable slot
Padlock ring
M.2 2230 slot for Wi-Fi and Bluetooth card
M.2 2230/2280 slot for SSD
SATA slot for 2.5-inch HDD

US:
Height: 7.17in. (182.00mm)
Width: 1.42in. (36.00mm)
Depth: 7.00in. (178.00mm)
Weight: 2.06lbs. (0.94kg)

Rest of world:
Height: 182.00mm (7.17in.)
Width: 36.00mm (1.42in.)
Depth: 178.00mm (7.00in.)
Weight: 0.94kg (2.06lbs.)

No camera

Realtek Audio Controller, ALC3246-CG

Intel® AX211, 2x2 MIMO, 2400Mbps, 2.40GHz/5GHz/6GHz, Wi-Fi 6E (WiFi 802.11ax), Bluetooth® 5.2
Realtek® RTL8821CE, 1x1, 433Mbps, 2.40GHz/5GHz, Wi-Fi 5 (802.11ac), Bluetooth® 5.0
Realtek® RTL8822CE, 2x2 MIMO, 867Mbps, 2.40GHz/5GHz, Wi-Fi 5 (802.11ac), Bluetooth® 5.0

No battery

90W AC adapter, 4.5mm barrel for 35W
130W AC adapter, 4.5mm barrel for 35W

Product Safety, EMC and Environmental Datasheets:
<https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental>

Dell Regulatory Compliance Home Page:
<https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp>

Dell and the Environment:
<https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm>

Intel® Q670

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)
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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 5000

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER¹ OptiPlex 5000 Tower

RECOMMENDED ACCESSORIES

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

Audio Speakers:
Dell Slim Soundbar - SB521A

Audio Headsets:
Dell Pro Stereo Headset - WH3022

TECHNICAL SPECIFICATION

OptiPlex 5000 Small Form Factor

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

Audio Speakers:
Dell Slim Soundbar - SB521A

Audio Headsets:
Dell Pro Stereo Headset - WH3022

TECHNICAL SPECIFICATION

OptiPlex 5000 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 Under-the-Desk VESA mount 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)

SYSTEMS MANAGEMENT Dell Client Command Suite for In-Band systems management
Intel® vPro™ Essentials for systems management

Dell Client Command Suite for In-Band systems management
Intel® vPro™ Essentials for systems management

Dell Client Command Suite for In-Band systems management
Intel® vPro™ Essentials for systems management

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

Factory image load
BIOS customization
Hardware customization
Asset Tagging and Reporting

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
PCIe Parallel/Serial Card
M.2 Expansion Card
USB 3.2 Gen 2 Type-A Card
PS/2 Card

USB 3.2 Gen 2 Type-C® PCIe card
Serial port PCIe low profile card
Parallel port PCIe low profile card
USB 3.2 Gen 2 Type-A PCIe card
SD 4.0 Media Card Reader
M.2 Expansion Card
PS/2 Card

N/A

Product Disclosures: pages 2-5

* EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

1 Final performance benchmarks pending.

2 Available on Windows® 11

3 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.

4 Based on internal analysis, April 2021.

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

6 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.

12 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.

13 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.

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

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

16 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.

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

18 Based on Dell analysis of battery life usage model calculations, Nov. 2020. Results vary depending on use, operating conditions and other factors.

19 Based on comparative analysis of Microsoft Teams-certified speakerphones:

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.

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.ijackforlaptops.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/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.