DELL Technologies

OPTIPLEX 7490 ALL-IN-ONE

A premium, intelligent 24” all-in-one that delivers best-in-class performance, audio and video.

POWERFUL PERFORMANCE

Built with Intel® up to 11th Generation Processors up to Core™ i9, 65W CPU, with optional vPro,™ experience the fastest, most manageable OptiPlex yet. Users can optimize the performance of their top 5 apps with the built-in artificial intelligence of Dell Optimizer ExpressResponse. New ExpressConnect automatically joins the strongest access point and directs bandwidth to critical applications. Experience speedier multitasking, powerful data analytics and strong connectivity with integrated Intel® Wi-Fi 6 (WiFi 802.11ax). USB Type-C 3.2 Gen 2x2 (20Gbps) capability provides two times faster transfer speeds than the previous generation.

IMMERSIVE COLLABORATION

An optional pop-up webcam with Full HD or infrared camera enables smart sign-on. It features a quad mic array and mainstream speaker to provide crystal clear communication. Intelligent Audio enhances your audio quality and reduces background noise, creating a better conference experience for all. Take on the most graphically intense workloads with the latest NVIDIA® GTX 1650 Ti discrete graphics. Smarter, more secure meetings are enabled with the optional Intel Unite® collaboration solution.

ELEGANT AND EFFICIENT

Upgrade your view with a premium 24-inch InfinityEdge All-in-One. It features Full HD, anti-glare, optional Touch and is VESA-compatible for stand and arm mounting flexibility. Enjoy personalized interaction with a choice of 4 custom All-in-One stands to alter your monitor’s height, tilt, and orientation. It is optimized for dual monitors for the ultimate viewing experience, without taking up more space.

SMART SOLUTION

OptiPlex 7490 All-in-One is built smart and secure as it’s tool-less design uses sustainable materials. Lockable port cover, intrusion switch and optional privacy filter provide physical security for peace of mind. It features Windows® 10 Modern Standby enabling an instant on / instant off user experience to achieve low power and constant connectivity. EPEAT Gold and ENERGY STAR qualified on select configurations.

Recommended Accessories

OPTIPLEX 7490 ALL-IN-ONE

PURPOSE-BUILT FOR OPTIPLEX ALL-IN-ONES

OPTIPLEX 7490 ALL-IN-ONE ARTICULATING STAND

Tilt your display forward, backward, or recline to a 60 degree angle. This stand makes touchscreen interaction comfortable.

OPTIPLEX 7490 ALL-IN-ONE HEIGHT ADJUSTABLE STAND

Raise, tilt, pivot or swivel your All-In-One with a stand that delivers personalized comfort and viewing angles.

OPTIPLEX 7490 ALL-IN-ONE DVD+/-RW ENCLOSED WITH HEIGHT ADJUSTABLE STAND

In this custom Height Adjustable Stand, a DVD+/-RW is integrated into the base of the stand for optimal convenience.

DELL OPTIPLEX ALL-IN-ONE PORT COVER

Designed for OptiPlex All-in-Ones this easy to install, streamlined solution secures your ports and protects your investment.

DISPLAYS AND INPUT DEVICES

DELL 24 MONITOR - P2421D

Optimize your workspace with this efficient 23.8" monitor built with an ultrathin bezel, a small footprint and comfort-enhancing features. .

DELL ULTRASHARP 24 MONITOR - U2422H

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

TARGUS 4VU™ PRIVACY SCREEN FOR 24" WIDESCREEN MONITORS

Protect your information using this privacy screen which reduces the viewing angle to 30 degrees on either side. The privacy screen also blocks glare to reduce eye strain.

DELL PRO WIRED HEADSET - WH3022 (COMING SOON)

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

DELL PREMIER MULTI-DEVICE WIRELESS KEYBOARD AND MOUSE - KM7321W

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

DELL WIRED MOUSE WITH FINGERPRINT READER - MS819

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

TARGUS STYLUS FOR CAPACITIVE TOUCH DEVICES

Write accurately and comfortably with a durable stylus that won't scratch your screen. Operates with no power or software required.

Workforce Modernization

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

Dell Software & Services Solutions

END USER DEVICES

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

SUPPORT

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

DEPLOY

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

MANAGE

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

SECURE

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

aaS

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

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

Features & Technical Specifications

OPTIPLEX 7490 ALL-IN-ONE

Feature	OptiPlex 7490 All-in-One Technical Specifications[1]
Processors[1]	10th Generation Intel® Core™ i5-10400, 12MB Cache, 6 Core, 12 Treads, 2.9GHz to 4.3GHz, 65W 10th Generation Intel® Core™ i5-10500, 12MB Cache, 6 Core, 12 Treads, 3.1GHz to 4.5GHz, 65W 10th Generation Intel® Core™ i5-10600, 12MB Cache, 6 Core, 12 Treads, 3.3GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i7-10700, 16MB Cache, 8 Core, 16 Treads, 2.9GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i9-10900, 20MB Cache, 10 Core, 20 Treads, 2.8GHz to 5.2GHz, 65W 10th Generation Intel® Core™ i3-10105, 6 MB Cache, 4 Core, 8 Threads, 3.7 GHz to 4.4 GHz, 65 W 10th Generation Intel® Core™ i3-10305, 8 MB Cache, 4 Core, 8 Threads, 3.8 GHz to 4.5 GHz, 65 W 10th Generation Intel® Core™ i5-10505, 12 MB Cache, 6 Core, 12 Threads, 3.2 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11400, 12 MB Cache, 6 Core, 12 Threads, 2.6 GHz to 4.4 GHz, 65 W 11th Generation Intel® Core™ i5-11500, 12 MB Cache, 6 Core, 12 Threads, 2.7 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11600, 12 MB Cache, 6 Core, 12 Threads, 2.8 GHz to 4.8 GHz, 65 W 11th Generation Intel® Core™ i7-11700, 16 MB Cache, 8 Core, 16 Threads, 2.5 GHz to 4.9 GHz, 65 W 11th Generation Intel® Core™ i9-11900, 16 MB Cache, 8 Core, 16 Threads, 2.5 GHz to 5.2 GHz, 65 W
Chipset	Intel® Q570 Chipset
Operating System Options[1]	Windows 10 Home, 64-bit Windows 10 IoT Enterprise 2019 LTSC (OEM only) Windows 10 Pro, 64-bit Windows 10 Pro Education, 64-bit Kylin Linux Desktop version 10.1 (China only) Ubuntu® Linux® 20.04 LTS, 64-bit Windows 10 CMIT Government Edition, 64-bit (China only)
Display	23.8-inch, FHD 1920 x 1080, 60 Hz, anti-glare, touch, 72% NTSC, 250 nits, wide viewing angle, WLED 23.8-inch, FHD 1920 x 1080, 60 Hz, anti-glare, non-touch, 72% NTSC, 250 nits, wide viewing angle, WLED
Video Card[2]	**Integrated:** Intel UHD Graphics 630: 10th Generation Intel Core i3/i5/i7/i9 processors Intel UHD Graphics 730: 11th Generation Intel Core i5-11400 processor Intel UHD Graphics 750: 11th Generation Intel Core i5/i7/i9 processors **Discrete:** NVIDIA® GeForce® GTX 1650 Ti, 4 GB GDDR6
Memory[2,3]	4 GB, 1 x 4 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 8 GB, 1 x 8 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 8 GB, 2 x 4 GB, DDR4,2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 16 GB, 1 x 16 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 16 GB, 2 x 8 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 32 GB, 1 x 32 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 32 GB, 2 x 16 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors 64 GB, 2 x 32 GB, DDR4, 2666 MHz for 10th Generation Intel Core i5, 2933 MHz for 10th Generation Intel Core i7/i9, 3200 MHz for 11th Generation Intel Core i5/i7/i9 processors
Wireless[4]	Qualcomm QCA61x4A, 2x2, MIMO, 867 Mbps, 2.40 Ghz/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0 Intel® AX201, 2x2, MIMO, 2.40 Gbps, 2.40 Ghz/5 GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth 5.1
Ports	**Side:** 1 USB 3.2 Gen 1 port with powerShare 1 USB 3.2 Gen 2x2 Type-C port (Gen 2x1 Type-C when configured with 10th Generation Intel processors) 1 Universal audio port

Features & Technical Specifications

OPTIPLEX 7490 ALL-IN-ONE

Feature	OptiPlex 7490 All-in-One Technical Specifications[1]
Ports	**Rear:** 1 RJ-45 Ethernet port 2 USB 3.2 Gen 2 ports 2 USB 3.2 Gen 2 ports with Smart Power On 1 Line-out audio port 1 DP++ 1.4a/HDCP 2.3 port 1 HDMI-IN—HDMI 1.4 port 1 HDMI-OUT—HDMI 2.0 port
Optical Drive	8x DVD-ROM, optional (through Height Adjustable Stand), 8x DVD+/-RW, optional (through Height Adjustable Stand)
Slots	1 SD-card slot (side), 1 M.2 2230 slot for Wi-Fi and Bluetooth card, 2 M.2 2230/2280 slots for SSD/Intel Optane, 1 SATA 3.0 slot for 2.5-inch hard drive, 1 Kensington security-cable slot
Chassis	**Stands:** Fixed stand, Height Adjustable stand, Articulating stand, Height Adjustable stand with Optical Disk Drive
Primary Hard Drive[1,5]	2.5-inch, 1 TB, 5400 RPM, SATA, HDD 2.5-inch, 2 TB, 5400 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS 2.5-inch, 1 TB, 7200 RPM, SATA, HDD M.2 2230, 128 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 256 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 512 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 2 TB, PCIe NVMe Gen4 x4, Class 40 SSD Intel Optane Memory H20 32GB with 512GB SSD
Camera	1080p at 30 fps, FHD RGB camera, 1080p at 30 fps, FHD RGB + IR camera
Audio and Speakers[1]	Stereo speakers with Waves MaxxAudio® Pro, 2 W x 2 = 4 W total
Power[1]	80 PLUS internal Power Supply Unit (PSU), 160 W typical 85% Efficient PSU, 80 PLUS Bronze, 220 W typical 92% Efficient PSU, 80 PLUS Platinum
Dimensions	**Touch display: US Dimensions** Height: 13.54 in. (344.00 mm) Width: 21.26 in. (540.20 mm) Depth: 2.07 in. (52.60 mm) Weight (maximum): 13.87 lb (6.29 kg) Weight (minimum): 12.96 lb (5.88 kg) **ROW Dimensions** Height: 344.00 mm (13.54 in.) Width: 540.20 mm (21.26 in.) Depth: 52.60 mm (2.07 in.) Weight (maximum): 6.29 kg (13.87 lb) Weight (minimum): 5.88 kg (12.96 lb) **India Dimensions** Height: 344.00 mm Width: 540.20 mm Depth: 52.60 mm Maximum weight: 6.29 kg Weight (maximum): 5.88 kg **Non-touch display: US Dimensions** Height: 13.54 in. (344.00 mm) Width: 21.26 in. (540.20 mm) Depth: 2.07 in. (52.60 mm) Weight (maximum):14.46 lb (6.56 kg) Weight (minimum): 13.49 lb (6.12 kg) **ROW Dimensions** Height: 344.00 mm (13.54 in.) Width: 540.20 mm (21.26 in.) Depth: 52.60 mm (2.07 in.) Weight (maximum): 6.56 kg (14.46 lb) Weight (minimum): 6.12 kg (13.49 lb) **India Dimensions** Height: 344.00 mm Width: 540.20 mm Depth: 52.60 mm Weight (maximum): 6.56 kg Weight (minimum): 6.12 kg
Configuration Services	Factory image load, BIOS customization, Hardware customization, Asset Tagging and Reporting
Productivity Software	Microsoft Office 30-day trial - No license included, Microsoft Office Professional 2019, Microsoft Office Home and Business 2019 + Adobe Acrobat Standard 2020, Dell Optimizer, Intel Unite® solution (optional)

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Feature	OptiPlex 7490 All-in-One Technical Specifications[1]
Software Security	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
Hardware Security	Dell Lockable port cover (optional) Chassis lock slot support Noble Custom AIO Plate Lock (optional) Supply chain tamper alerts Chassis intrusion switch Trusted Platform Module (Discrete TPM Enabled) SafeBIOS including Dell Off-host BIOS Verification BIOS Resilience BIOS Recovery, and additional BIOS Controls SafeID including Trusted Platform Module (TPM) 2.0 Self-Encrypting Drives (SED) Smart card keyboard (FIPS) D-Pedigree (Secure Supply Chain Functionality) Dell wired mouse with fingerprinter reader
Systems Management	Dell Client Command Suite for In-Band systems management Intel® Standard Manageability Intel® vPro™ for Out-of-Band systems management
Regulatory[7,8]	ENERGY STAR qualified configurations available EPEAT registered configurations available TCO 8.0 certified configurations available US CEC MEPS compliant configurations available Australia and New Zealand MEPS compliant configurations available CEL WEEE Japan Energy Law South Korea E-standby EU RoHS China RoHS
Warranty[9]	3 years hardware warranty with on-site service after remote diagnosis 4 years hardware warranty with on-site service after remote diagnosis 5 years hardware warranty with on-site service after remote diagnosis 3 years ProSupport with Next Business Day on-site service 4 years ProSupport with Next Business Day on-site service 5 years ProSupport with Next Business Day on-site service 3 Years ProSupport Plus for Client with Next Business Day on-site service 4 Years ProSupport Plus for Client with Next Business Day on-site service 5 Years ProSupport Plus for Client with Next Business Day on-site service
Accidental Damage Services[11]	3 Years Accidental Damage Service 4 Years Accidental Damage Service 5 Years Accidental Damage Service

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