
OptiPlex 7450 All-in-One

**Incomparable performance**
Equipped with Intel® 7th generation processors with optional Intel® vPro™ technology for ultimate performance on all of your projects.

**Elegant and efficient**
Stunning 23.8" Full HD display with optional 4k Ultra HD display and optional ten point multi-touch. Reduce scrolling and drag and drop your way to success.

**Design your workspace**
Multiple ergonomic stand options providing height adjustment, tilt and swivel or articulation. Work the way that works best for you.

**Deploy and manage made easy**
One single plug, internal Wi-Fi, webcam and speakers in a tool-less design with removable cover. Your system will remain viable and wire clutter free for years.
**Features & Technical Specifications**

**Feature**

**OptiPlex 7450 All-in-One Technical Specifications**

**Processor**

Intel® 7th Generation Core™ i3 Dual Core, Core™ i5-i7 Quad Core (up to 65W); supports Windows 10/ Linux

Intel® 6th Generation Core™ i3 Dual Core, Core™ i5-i7 Quad Core (up to 65W); supports Windows 7/ 8.1/ 10/ Linux

**Chipset**

Intel® Q270 Chipset

**Operating System**

Microsoft® Windows 7 Pro (32/ 64-bit) with Windows 10 Pro license (requires Intel® 6th generation processors)

Microsoft® Windows 7 Embedded (OEM only)

Microsoft® Windows 10 Home (64-bit)

Microsoft® Windows 10 Pro (64-bit)

Microsoft® Windows 10 Embedded (OEM only)

Ubuntu® 16.04 (64-bit)

NeoKylin® 6.0 (China only)

**Panel**

23.8” IPS Wide Viewing Angle WLED, Full HD 1920x 1080 resolution and Ultra HD (4K) 3840 x 2160 resolution with anti-glare coating; optional projected capacitive touch screen on FHD and UHD panels

**Video**

Integrated Intel® HD Graphics 610/ 630 (Intel® 7th generation CPUs)

Integrated Intel® HD Graphics 510/ 530 (Intel® 6th generation CPUs)

Optional discrete graphics: 2GB AMD Radeon™ R7 M465X

**Memory**

Two SODIMM slots; Non-ECC dual-channel 2400MHz DDR4 SDRAM (2133MHz performance on Intel 6th generation processors), Maximum memory is 32GB

**Networking**

Integrated Intel® I219-LM Ethernet LAN 10/100/1000

Optional wireless Intel® 8265 802.11ac + Bluetooth 4.2 card

Eight external USB ports: USB 3.1 Gen 1 x 2 (side, one with Type-C for data only and one with PowerShare) / USB 3.1 Gen 1 x 4 (rear) / USB2.0 x 2 (rear)

HDMI 1.4 Out (rear), HDMI 1.4 In (rear, Full HD resolution only), DisplayPort 1.2 Out (rear), Universal Audio Jack (side), Audio Line-Out (rear), RJ-45 (rear)

**Number of Bays**

Two internal 2.5 inch

**Expansion Slots**

Two M.2 connectors (one for Wi-Fi card, one for Solid State Drive)

**Removable Media**

DVD+/-RW and DVD/ROM Optical Disc Drives (optional)

SD4.0 Media Card Reader (standard)

Optional Hard Disk Drives, Solid State Hybrid Drives, Solid State Drives (SATA/ PCIe), Opal and FIPS SED Drives (HDD/ SSD)

Dual storage and RAID support

**Camera**

2.0MP 1080P FHD Webcam with privacy cover

**Power Supply Unit (PSU)**

80 PLUS internal Power Supply Unit; optional 155W EPA Bronze or 200W EPA Platinum

**Measurement**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Full HD Non-Touch</th>
<th>Full HD Touch</th>
<th>Ultra HD Non-Touch</th>
<th>Ultra HD Touch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>15.5 x 22.7 x 2.5</td>
<td>15.5 x 22.7 x 2.5</td>
<td>15.5 x 22.7 x 2.5</td>
<td>15.5 x 22.7 x 2.5</td>
</tr>
<tr>
<td>(w/o stand)</td>
<td>39.3 x 57.5 x 6.4</td>
<td>39.3 x 57.5 x 6.3</td>
<td>39.3 x 57.5 x 6.4</td>
<td>39.3 x 57.5 x 6.3</td>
</tr>
<tr>
<td>Minimum System</td>
<td>15.6 / 7.1</td>
<td>17.0 / 7.8</td>
<td>15.6 / 7.1</td>
<td>17.01 / 7.73</td>
</tr>
<tr>
<td>Weight (lbs/kg)</td>
<td></td>
<td></td>
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</tbody>
</table>

**Stylus**: Targus Stylus for Capacitive Touch Devices

**Monitors**: Qualified with select Dell UltraSharp, Professional and E series monitors

**Keyboards**: Dell wired keyboard, Dell wireless keyboard, Dell Smart Card keyboard

**Mouse**: Dell wired mouse, Dell wireless mouse, Dell Laser mouse

**Audio**: Optional external speakers, Dell Pro Stereo Headset UC350

**Locks**: Noble Custom All-in-One Plate Lock, Dell Combination Lock LC300, Dell Premium Lock LP500, Kensington Twin Head Lock
Features & Technical Specifications
(continued)

<table>
<thead>
<tr>
<th>Stand Type (Panel also supports VESA)</th>
<th>Measurement</th>
<th>Basic Stand</th>
<th>Height Adjustable Stand</th>
<th>Articulating Stand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (lbs/kg)</td>
<td>5.0 / 2.3</td>
<td>6.3 / 2.8</td>
<td>6.6 / 3.0</td>
<td></td>
</tr>
<tr>
<td>Width x Depth (in/cm)</td>
<td>8.9 x 8.5 / 22.5 x 21.6</td>
<td>10.1 x 8.9 / 25.7 x 22.5</td>
<td>9.8 x 9.8 / 25.0 x 25.0</td>
<td></td>
</tr>
</tbody>
</table>

Security

- Trusted Platform Module<sup>5</sup> (TPM) 2.0 (TPM 1.2 firmware downgradable), Dell Data Protection| Encryption (optional), Dell Data Protection| Endpoint Security Suite Enterprise (optional), Dell Data Protection| Secure Lifecycle (optional), Local HDD data wipe via BIOS ("Secure Erase"), Self-Encrypting Drives (Opal, FIPS) (optional), chassis lock slot support, port cover (standard), chassis intrusion switch (optional), D-Pedigree (Secure Supply Chain functionality), Setup/BIOS password, Dell Smart Card keyboard (optional), Intel<sup>®</sup> Trusted Execution Technology, Intel<sup>®</sup> Identity Protection Technology, Dell Secure Works, Firmware support for optional Absolute™ Data & Device Security (formerly Computrace), Intel<sup>®</sup> Software Guard Extensions

Systems Management

- Dell Client Command Suite for In-Band systems management
- Intel<sup>®</sup> Standard Manageability or Intel<sup>®</sup> vPro™ for Out-of-Band systems management

Environmental & Regulatory Standards

- ENERGY STAR 6.1 qualified, EPEAT Registered<sup>6</sup>, TCO Certified, CEL, WEEE, Japan Energy Law, China RoHS<sup>12</sup>
- Other Environmental Options: Carbon Offset, Asset Resale and Recovery Service

Warranty and Service

- Limited Hardware Warranty<sup>9</sup>, Standard Next Business Day On Site Service after Remote Diagnosis<sup>10</sup> (term varies by region); Optional 3-year Dell ProSupport™ and ProSupport Plus™; 4 year and 5 year service and support options<sup>11</sup>

Configuration Services

- Factory Image load, BIOS Customization, Hardware Customization, Asset Tagging and Reporting

Essential Accessories

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- OptiPlex All-in-One Height Adjustable Stand
- OptiPlex All-in-One Articulating Stand
- Dell Wireless Keyboard and Mouse KM636
- Dell Pro Stereo Headset UC350

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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.
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.
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. Onsite Service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
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.

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