

OptiPlex 7450 All-in-One Technical Specifications ¹					
Processors ¹	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 Options ¹	Microsoft® Windows 7 Pro (32/ 64-bit) with Windows 10 Pro license (requires Intel® 6 th 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 ²	Integrated Intel® HD Graphics 610/ 630 (Intel® 7 th generation CPUs) Integrated Intel® HD Graphics 510/ 530 (Intel® 6 th generation CPUs) Optional discrete graphics: 2GB AMD Radeon™ R7 M465X				
Memory ^{2,3}	Two SODIMM slots; Non-ECC dual-channel 2400MHz DDR4 SDRAM (2133MHz performance on Intel 6 th generation processors) Maximum memory is 32GB				
Networking ⁴	Integrated Intel® I219-LM Ethernet LAN 10/100/1000 Optional wireless Intel® 8265 802.11ac + Bluetooth 4.2 card				
I/O Ports	Eight external USB ports: USB3.0 x 2 (side, one with Type-C for data only and one with PowerShare)/ USB3.0 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 (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)				
Storage Options ^{1,5}	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) ¹	80 PLUS internal Power Supply Unit; optional 155W EPA Bronze or 200W EPA Platinum				
Panel Type	Measurement	Full HD Non-Touch	Full HD Touch	Ultra HD Non-Touch	Ultra HD Touch
	Dimensions (w/o stand) (H x W x D)	15.47 x 22.65 x 2.50 in 39.29 x 57.52 x 6.35 cm	15.47 x 22.65 x 2.47 in 39.29 x 57.52 x 6.27 cm	15.47 x 22.65 x 2.50 in 39.29 x 57.52 x 6.35 cm	15.47 x 22.65 x 2.47 in 39.29 x 57.52 x 6.27 cm
	Minimum System Weight (lbs./kg)	15.64 / 7.11	17.03 / 7.74	15.61 / 7.10	17.01 / 7.73
Peripherals Options ¹	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				
Stand Type (Panel also supports VESA)	Locks: Noble custom AiO Plate Lock, Dell Combination Lock LC300, Dell Premium Lock LP500, Kensington Twin Head Lock				
	Measurement	Basic Stand	Height Adjustable Stand	Articulating Stand	
	Stand Weight (lbs./kg)	4.96 / 2.25	6.26 / 2.84	6.61 / 3.0	
	Stand Width x Depth (inches / centimeters)	8.86 x 8.46 / 22.50 x 21.55	10.12 x 8.86 / 25.70 x 22.50	9.84 x 9.84 / 25.0 x 25.0	
Security	Trusted Platform Module ⁶ (TPM) 2.0 (TPM 1.2 - firmware downgradable), Dell Data Protection Encryption, Microsoft Windows BitLocker, Local HDD data wipe via BIOS ("Secure Erase"), Encryption - SED storage (Opal, FIPS), chassis lock slot support, lockable port cover (standard), chassis intrusion switch (standard), D-Pedigree (Secure Supply Chain functionality), Setup/BIOS password, Dell Smart Card keyboard (optional), Intel® Trusted Execution Technology, Intel® Identity Protection Technology, Dell Secure Works, BIOS support for Computrace ⁷ (optional), Intel® Software Guard Extensions				
Systems Management	Dell Client Command Suite for In-Band systems management Intel® Standard Manageability or Intel® vPro™ for Out-of-Band systems management				
Environmental & Regulatory Standards	ENERGY STAR 6.1, EPEAT Registered ⁸ , CECF, WEEE, Japan Energy Law, South Korea Eco-label, EU RoHS, China RoHS, TCO Other Environmental Options: Carbon Offset, Asset Resale and Recovery Service				
Warranty and Service	Limited Hardware Warranty ⁹ , Standard Next Business Day On Site Service after Remote Diagnosis ¹⁰ (term varies by region); Optional 3-year Dell ProSupport™ and ProSupport Plus™; 4 year and 5 year service and support options ¹¹				
Configuration Services	Factory Image load, BIOS Customization, Hardware Customization, Asset Tagging and Reporting				

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.

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. 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/servicesdescriptions.