

OptiPlex 7050 Tower/Small Form Factor/Micro Technical Specifications				
Processors ¹	Intel® 7th generation Core™ i3 Dual Core, Core™ i5-i7 Quad Core (up to 65W Tower/ SFF and 35W/65W Micro); supports Windows 10/Linux Intel® 6th generation Core™ i3 Dual Core, Core™ i5-i7 Quad Core (up to 65W Tower/SFF, 35W Micro); 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)			
Video ²	Integrated Intel® HD Graphics 610/ 630 (Intel® 7 th generation CPUs) Integrated Intel® HD Graphics 510/ 530 (Intel® 6 th generation CPUs) Supports optional discrete graphics Tower/SFF: 1GB/2GB AMD Radeon™ R5 430, 4GB AMD Radeon™ R7 450			
Memory ^{2,3}	4 DIMM slots Tower/SFF, 2 SODIMM slots Micro Non-ECC dual-channel 2400MHz DDR4 SDRAM (2133MHz performance on Intel® 6th generation processors) Maximum memory is 64GB on Tower/ SFF, 32GB on Micro			
Networking	MT/SFF: Integrated Intel® i219-LM Ethernet LAN 10/100/1000; supports optional PCIe 10/100/1000 network card; optional wireless: Intel® 8265 802.11ac+ Bluetooth 4.214 card Micro: Integrated Intel® i219-LM Ethernet LAN 10/100/1000 ; optional wireless Intel® 8265 M.2 802.11ac +Bluetooth 4.214 card Note: The integrated Intel® i219-LM Ethernet or Intel® 8265 wireless card is required to support Intel® vPro™ Technology for MT/SFF & Micro			
I/O Ports	Tower/SFF: 10 External USB: 6 x 3.0 (1 Type-C for data only and 1 Type-A front/4 Type-A rear) and 4 x 2.0 (2 Type-A front/2 Type-A rear - 1 front with PowerShare); 4 Internal USB 2.0; 1 RJ-45; 1 Serial; 2 Display Port 1.2; 1 HDMI 1.4; 2 PS/2; 1 UAJ, 1 Line-out; 1 VGA (optional) Micro: 6 External USB3.0 (1 Type-C for data only and 1 Type-A front/4 Type-A rear - 1 front with PowerShare); 1 RJ-45; 1 HDMI 1.4; 1 Display Port 1.2; 1 UAJ (front); 1 Line-out(front); additional Display Port 1.2 (optional); 1 VGA (optional); Serial+PS2 (optional); Serial (optional)			
Removable Media	Supports optional optical disc drives and media card reader (Tower/SFF only)			
Storage Options (Internal) ⁴	Hard disk drives: up to 2 TB; solid state drives: up to 512 GB. Dual storage support Supports Hybrid, Opal SED FIPS, M.2 SATA Solid State Drive and M.2 PCIe Solid State Drive RAID 0 & 1 support on select configurations (Tower/SFF only)			
Chassis		Tower	Small Form Factor	Micro
	Dimensions (H x W x D)	13.8" x 6.1" x 10.8"	11.4" x 11.5" x 3.7"	7.2" x 7.0" x 1.4"
	Dimensions (H x W x D) (cm)	35 x 15.4 x 27.4	29.0 x 29.2 x 9.26	18.2 x 17.8 x 3.6
	Min. Weight (lbs/kg)	17.49 / 7.93	11.57/5.26	(35w) 2.60 / 1.18 (65w) 2.58 / 1.17
	Number of Bays	1 internal 3.5" HDD (convertible to 5.25" ODD) 2 internal 2.5" HDD 1 external slim ODD	1 internal 3.5" HDD (convertible to 2 2.5" HDD) 1 external slim ODD	1 internal 2.5" bay
	Expansion Slots	1 full height PCIe x16 1 full height PCIe x16 (wired x 4) 1 full height PCIe x1 1 full height PCIe 1 M.2 (22x80mm or 22x42mm)	1 half height PCIe x16 1 M.2 (22x80mm / 22x42mm)	1 M.2 (22x30mm) 1 M.2 (22x80mm / 22x42mm)
	Power Supply ^{1,5}	Standard 240W PSU Active PFC 240W typical 85% Efficient PSU (80 PLUS Bronze) ENERGY STAR compliant, Active PFC 240W typical 92% Efficient PSU (80 PLUS Platinum); ENERGY STAR compliant, Active PFC	Standard 180W PSU Active PFC 180W typical 85% Efficient PSU (80 PLUS Bronze) ENERGY STAR compliant, Active PFC 180W typical 92% Efficient PSU (80 PLUS Platinum); ENERGY STAR compliant, Active PFC	65W external adapter with 87% minimum average efficiency for use with 35W processors, 130W external adapter with 87% minimum average efficiency for use with 65W processors
Peripheral accessories	Monitors: qualified with select Dell UltraSharp, Professional, and E series monitors			
	Micro Mounting Options: Vertical Stand, VESA Mount, Dual VESA Mount, All in One Mount, Console with DVD-RW, All in One Mount for E Series Displays, Micro DVD+/-RW Enclosure, Micro All-in-One Stand. Small Form Factor mounting option: Small Form Factor All-in-One Stand			
	Keyboards: Dell wired keyboard with multimedia functionality, Dell Smart Card keyboard, Dell wireless keyboard			
	Mouse: Dell wired mouse, Dell wireless mouse, Dell Laser mouse			
Security Options	Audio Speakers: Internal Dell Business audio speaker, Dell stereo speaker systems available; Dell sound bar for select flat-panel displays. Dell Wireless Speaker System available.			
	Trusted Platform Module 6 TPM 1.2 or 2.0, Dell Data Protection Encryption, Microsoft Windows BitLocker, Local HDD data wipe via BIOS ("Secure Erase"), Encryption - SED HDD (Opal FIPS), Chassis lock slot support, Lockable Port Cover, Chassis Intrusion Switch, D-Pedigree (Secure Supply Chain Functionality), Setup/BIOS Password, Optional Smart Card keyboards, Intel® Trusted Execution Technology, Intel® Identity Protection Technology, Dell Secure Works, BIOS support optional Computrace 7 , Intel Software Guard eExtensions			
Systems Management Options ⁸	Dell Client Command Suite for in-band systems management, Intel® Standard Manageability or Intel® vPro™ for out-of-band systems management			
Environmental, Ergonomic & Regulatory Standards	Environmental Standards (eco-labels): ENERGY STAR 6.1 qualified, EPEAT Registered9, CEL, WEEE, Japan Energy Law, South Korea E-standby, South Korea Eco-label, EU RoHS, China RoHS BFR/CFR/PVC Free configuration ¹⁰ available in select regions. Please see your local representative or dell.com for specific details. (Micro only)			
Warranty	Limited hardware warranty ¹⁰ ; standard 3-year on-site service after remote diagnosis ¹¹ (3-3-3); Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 availability ¹³ .			
Configuration Services	Factory Image load. BIOS Customization. Hardware Customization, Asset Tagging and Reporting.			

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1. Offering and availability may vary by region. Offering may vary by region. Some items available after product introduction. For complete details, refer to the Technical Guidebook published on 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. Storage: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
5. PSU: This form factor utilizes a more efficient Active Power Factor Correction (APFC) power supply. Dell recommends only Universal Power Supplies (UPS) based on Sine Wave output for APFC PSUs, not an approximation of a Sine Wave, Square Wave, or quasi-Square Wave (see UPS technical specifications). If you have questions please contact the manufacturer to confirm the output type.
6. TPM: TPM is not available in all regions.
7. Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.ijackforlaptops.com.
8. Systems Management Options:
 - Intel® vPro Technology - Fully vPro-capable at point of purchase; the vPro systems management option requires vPro processors. Includes support for Intel Advanced Management Technology (AMT) 9.x.
 - Intel® Standard Manageability - Fully enabled at point of purchase, the Intel Standard Management option is a subset of the AMT features. ISM is not upgradeable to vPro technology post-purchase.
 - No Out-of-Band Systems Management - This option entirely removes Intel out of band systems (OOB) management features. The system can still support in band management. OOB management support through AMT cannot be upgraded post-purchase.
9. Please refer to www.epeat.net for specific country registration rating and participation.
10. OptiPlex 7050 Micro is brominated flame retardant free (BFR-free) and polyvinyl chloride free (PVC-free); meeting the definition of BFR-/PVC-free as set forth in the INEMI Position Statement on the 'Definition of Low-Halogen Electronics (BFR-/CFR-/PVC-free)'. Plastic parts contain less than 1,000 ppm (0.1%) of bromine (if the Br source is from BFRs) and less than 1,000 ppm (0.1%) of chlorine (if the Cl source is from CFRs or PVC or PVC copolymers). All printed circuit board (PCB) and substrate laminates contain bromine/ chlorine total less than 1,500 ppm (0.15%) with a maximum chlorine of 900 ppm (0.09%) and maximum bromine being 900 ppm (0.09%). Pending final validation.
11. 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.
12. 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.
13. Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.
14. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality