



# Versatile business desktops designed for ultimate performance.

## OptiPlex 7050 Tower, Small Form Factor and Micro



### Power your success

Intel® 7th generation processors with optional vPro™ allow for the fastest OptiPlex yet



### Ultimate versatility

Adaptable, compact designs allow you to maximize your environment with custom mounts and stands



### Easy access

Tool-less design and simple removeable side panel to service and expand with ease



### Serious security

Dell's Endpoint Security Suite, out of band management with Intel® vPro™ technology and lockable cable covers keep threats out of your workspace

OptiPlex 7050 Tower/Small Form Factor/Micro Technical Specifications				
Processors <sup>1</sup>	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 <sup>1</sup>	Microsoft® Windows 7 Pro (32/ 64-bit) with Windows 10 Pro License (requires Intel® 6 <sup>th</sup> 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 <sup>2</sup>	Integrated Intel® HD Graphics 610/ 630 (Intel® 7 <sup>th</sup> generation CPUs) Integrated Intel® HD Graphics 510/ 530 (Intel® 6 <sup>th</sup> generation CPUs) Supports optional discrete graphics Tower/SFF: 1GB/2GB AMD Radeon™ R5 430, 4GB AMD Radeon™ R7 450			
Memory <sup>2,3</sup>	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) <sup>4</sup>	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 <sup>1,5</sup>	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 <sup>8</sup>	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 <sup>10</sup> available in select regions. Please see your local representative or dell.com for specific details. (Micro only)			
Warranty	Limited hardware warranty <sup>10</sup> ; standard 3-year on-site service after remote diagnosis <sup>11</sup> (3-3-3); Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 availability <sup>13</sup> .			
Configuration Services	Factory Image load. BIOS Customization. Hardware Customization, Asset Tagging and Reporting.			

Discover professional class desktops at [www.dell.com/OptiPlex](http://www.dell.com/OptiPlex)

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](http://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](http://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](http://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](http://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](http://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](http://www.dell.com/servicedescriptions).
14. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality