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
## Features & Technical Specifications

### Feature

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| **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 LTS (64-bit)  
Neokylin® v6.0 (China only) |
| **Graphics Options** | Integrated Intel® HD Graphics 610/630 (Intel® 7th generation processors)  
Integrated Intel® HD Graphics 510/530 (Intel® 6th generation processors)  
Supports optional discrete graphics Tower/Small Form Factor: AMD Radeon™ R5 430 1GB/2GB, AMD Radeon™ R7 450 4GB |
| **Memory** | 4 DIMM slots Tower/Small Form Factor, 2 SODIMM slots Micro. Maximum memory is 64GB on Tower/Small Form Factor, 32GB on Micro. Non-ECC dual-channel 2400MHz DDR4 SDRAM (2133MHz performance on Intel® 6th generation processors) |
| **Networking** | **Tower/Small Form Factor**: Integrated Intel® i219-LM Ethernet LAN 10/100/1000; supports optional PCIe 10/100/1000 network card; optional wireless: Intel® 8265 802.11ac+ Bluetooth 4.2 card  
**Micro**: Integrated Intel® i219-LM Ethernet LAN 10/100/1000; optional wireless Intel® 8265 M.2 802.11ac +Bluetooth 4.2 card |
| **I/O Ports** | **Tower/Small Form Factor**: 10 External USB: 6 x USB 3.1 Gen 1 (1 USB Type-C™ for data only and 1 Type-A front/4 Type-A rear) and 4 x USB 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 USB 3.1 Gen 1 (1 USB 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) |
| **Security Options** | Trusted Platform Module® 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, firmware support for optional Absolute Data & Device Security (formerly Computrace)™, Intel Software Guard eXtensions |
| **Storage Options** | Hard disk drives: up to 2TB  
Solid State Drives: up to 1TB  
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/Small Form Factor only)  
Dual storage support |
| **Removable Media Options** | Supports optional optical disc drives and media card reader (Tower/Small Form Factor only) |
| **Systems Management Options** | 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 Registered®, TCO Certified, CEL, WEEE, Japan Energy Law, South Korea E-standby, South Korea Eco-label, EU RoHS, China RoHS. Please see your local representative or www.dell.com for specific details. |
| **Configuration Services** | Factory image load. BIOS customization. Hardware customization, asset tagging and reporting. |
| **Warranty** | Limited hardware warranty¹¹; standard 3-year on-site service after remote diagnosis¹² (3-3-3); Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 availability¹³. |
### Essential Accessories

**OptiPlex 7050 Tower, Small Form Factor and Micro**

**Dell OptiPlex**
- Small Form Factor All-in-One Stand
- Tower
- Small Form Factor
- Micro

**Dell OptiPlex Micro**
- All-in-One Stand
- DVD+/-RW Drive Enclosure
- VESA Mount
- All in One Mount for E-Series Displays

**Other Accessories**
- Dell Pro Stereo Headset UC350
- Tower or Small Form Factor Cable Cover
- Wireless Keyboard and Mouse KM636
- UltraSharp 24 InfinityEdge Monitor U2417H
- 24 Monitor P2417H
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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.


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) 11.0.
   - 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 chlorine if the Br source is from BFRs and less than 1,000 ppm (0.1%) of bromine 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/servicesdescriptions.

14. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality.


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