Powerful productivity and expandability. Conveniently compact. Give your company space to grow.

OptiPlex 5050 Tower, Small Form Factor and Micro

Powerful Performance

Intel® 7th generation processors allow for the fastest OptiPlex yet

Smart solutions

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

Work with confidence

Dell Command Suite puts automation on auto pilot while optional Intel® Standard Manageability allows you to be confident your work is not at risk

Features & Technical Specifications

Feature	5050 Tower/Small Form Factor/Micro Technical Specifications		
Processor[1]	Intel® 7th generation Pentium® and Core™ i3 Dual Core, Core™ i5-i7 Quad Core (up to 65W for Tower/Small Form Factor & 35W for Micro); supports Windows 10/Linux Intel® 6th generation Pentium® and Core™ i3 Dual Core, Core™ i5-i7 Quad Core (up to 65W for Tower/Small Form Factor & 35W for Micro); 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[2]	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[2,3]	4 DIMM slots Tower/Small Form Factor, 2 SODIMM slots Micro Non-ECC dual-channel 2400MHz DDR4 SDRAM (2133MHz performance on Intel® 6th generation processors) Maximum memory is 64GB on Tower/ Small Form Factor, 32GB on Micro		
Networking	**Tower/Small Form Factor:** Integrated Intel® i219-V Ethernet LAN 10/100/1000; optional wireless: Intel® 8265 802.11ac+ Bluetooth 4.2[9] card **Micro:** Integrated Intel® i219-V Ethernet LAN 10/100/1000; optional wireless: Intel® 8265 M.2 802.11ac +Bluetooth 4.2[13] card or Intel® 3165 M.2 802.11ac +Bluetooth 4.2[13] card		
I/O Ports	**Tower:** Serial + Parallel Port PCIe Card **Small Form Factor:** Serial Port PCIe Card, Parallel Port PCIe Card **Tower/Small Form Factor:** USB-C 3.1 PCIe Card, 10 External USB: 6 x 3.1 Gen 1 (2 Type-A front/4 Type-A rear) and 4 x 2.0 (2 Type-A front/2 Type A rear - 1 front with PowerShare); 2 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 (2 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[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, firmware support for optional Absolute Data & Device Security (formerly Computrace)[7], Intel Software Guard eXtensions		
Storage[4] Options (internal)	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 16GB Intel® Optane™ Memory support with select hard drives Dual storage support	**Environmental, Ergonomic, & Regulatory Standards**	Environmental Standards (eco-labels): ENERGY STAR 6.1 qualified, EPEAT Registered[9], TCO Certified, CEL, WEEE, Japan Energy Law, South Korea E-standby, South Korea Eco-label, EU RoHS, China RoHS[14]. Please see your local representative or www.dell.com for specific details.
Removable Media Options	Supports optional optical disc drives and media card reader (Tower/ Small Form Factor only)	**Configuration Services**	Factory image load. BIOS Customization. Hardware customization, asset tagging and reporting.
Systems Management Options[8]	Dell Client Command Suite for in-band systems management, Intel® Standard Manageability for out-of-band systems management	**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[12].

Chassis		Tower	Small Form Factor	Micro
	Dimensions (H x W x D) (inches/cm)	13.8 x 6.1 x 10.8 / 35 x 15.4 x 27.4	11.4 x 3.7 x 11.5 / 29.0 x 9.26 x 29.2	7.2 x 1.4 x 7.0 / 18.2 x 3.6 x 17.8
	Min. Weight (lbs/kg)	17.49 / 7.93	11.57/5.26	2.58 / 1.17
	Number of Bays	1 internal 3.5" HDD (convertible to 5.25" ODD) 2 internal 2.5" HDD 1 internal slim ODD	1 internal 3.5" HDD (convertible to 2 2.5" HDD) 1 internal slim ODD	1 internal 2.5" bay
	Expansion Slots	1 full height PCIe x16 1 full height PCIe x16 (wired x 4) 2 full height PCIe x1 1 M.2 (22x80mm or 22x42mm)	1 half height PCIe x16 1 half height PCIe x4 (open ended) 1 M.2 (22x80mm or 22x42mm)	1 M.2 (22x30mm) 1 M.2 (22x80mm or 22x42mm)
	Power Supply[1,5] Unit (PSU)	Standard 240W PSU Active PFC 240W typical 85% Efficient PSU (80 PLUS Bronze) ENERGY STAR complaint, Active PFC 240W typical 92% Efficient PSU (80 PLUS Platinum); ENERGY STAR complaint, Active PFC	Standard 180W PSU Active PFC 180W typical 85% Efficient PSU (80 PLUS Bronze) ENERGY STAR complaint, Active PFC 180W typical 92% Efficient PSU (80 PLUS Platinum); ENERGY STAR complaint, Active PFC	65W external adapter with 87% minimum average efficiency for use with 35W processors.

Essential Accessories

OptiPlex 5050 Tower, Small Form Factor and Micro

At The Desk

Dell OptiPlex Small Form Factor All-in-One Stand

Dell OptiPlex Micro All-in-One Stand

Dell OptiPlex Micro DVD+/-RW Drive Enclosure

Dell OptiPlex Micro VESA Mount

Dell OptiPlex Micro All in One Mount for E-Series Displays

Dell Pro Stereo Headset UC350

Dell OptiPlex Tower or Small Form Factor Cable Cover

Dell Wireless Keyboard and Mouse KM636

Dell 24 Monitor P2417H (dual set up)

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Discover professional class desktops at 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.
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. Absolute Data & Device Security (formerly Computrace): Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.lojackforlaptops.com.

8. Systems Management Options:
    • 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. 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.
11. 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.
12. Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.
13. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality.
14. For a complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information http://www.dell.com/support/home/us/en/19.