



Compact, flexible desktops designed
to provide all the essentials your
business needs.

OptiPlex 3050 Tower, Small Form Factor and Micro



More power

Intel® 7th generation processors allow
for the fastest OptiPlex yet with
support up to Core™ i5



Stay flexible

Versatile suite of stand and mounting
options to tailor your workspace to
max out on productivity



Service with ease

Entry tool-less design and simple
removeable side panel to service and
expand effortlessly



Stay secure

With TPM, chassis intrusion switch, Dell
Data Protection and cable covers for
certain form factors, you can work more
and focus less on security risks

Features & Technical Specifications



Feature	3050 Tower/Small Form Factor/Micro Technical Specifications		
Processor ¹	Intel® 7th generation Celeron, Pentium and Core™ i3 Dual Core, Core™ i5 Quad Core (up to 65W Tower/Small Form Factor, 35W Micro); supports Win 10/Linux Intel® 6th generation Celeron, Pentium and Core™ i3 Dual Core, Core™ i5 Quad Core (up to 65W Tower/Small Form Factor, 35W Micro); supports Win 7/8.1/10/Linux		
Chipset	Intel® B250 Chipset		
Operating System ¹	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) Neoklylin® v6.0 (China only)		
Graphics Options ²	Integrated Intel® HD Graphics 610/630 (with Intel® 7th generation processors) Integrated Intel® HD Graphics 510/530 (with Intel® 6th generation processors) Supports optional discrete graphics Tower/Small Form Factor: 1GB/2GB AMD Radeon™ R5 430, 4GB AMD Radeon™ R7 450		
Memory ^{2,3}	2 DIMM slots (2 SODIMM slots for Micro); Non-ECC dual-channel 2400MHz DDR4 SDRAM. (Memory performance on Intel® 6th generation processors will be at 2133MHz). Max memory 32GB		
Networking	Integrated Realtek® RTL8111H Ethernet LAN 10/100/1000 Optional wireless: Intel® 8265 802.11ac+ Bluetooth 4.2 ¹³ card; Intel® 3165 802.11ac+ Bluetooth 4.2 ¹⁴ card		
I/O Ports	Tower/Small Form Factor: 8 External USB: 4 x USB 3.1 Gen 1 (2 front/2 rear) and 4 x USB 2.0 (2 front/2 rear); 2 Internal USB 2.0; 1 RJ-45; 1 Display Port 1.2; 1 HDMI 1.4; 1 UAJ, 1 Line-out; 1 VGA (optional); Serial+PS/2 (optional) Micro: 6 External USB: 4 x USB 3.1 Gen 1 (2 front/2 rear) and 2 x USB 2.0 (2 rear); 1 RJ-45; 1 HDMI 1.4; 1 Display Port 1.2; 1 UAJ (front); 1 Line-out (front); additional DisplayPort 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, Dell Secure Works, firmware support for optional Absolute Data & Device Security (formerly Computrace) ⁷ , Intel Software Guard eXtensions		
Storage ⁴ Options (internal)	Hard disk drives: up to 2 TB; solid state drives: up to 512 GB. Dual storage support Supports Hybrid, Opal SED FIPS, M.2 PCIe Solid State Drive Intel® Optane™ Memory Ready	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	Warranty	Limited Hardware Warranty ¹⁰ ; Standard Next Business Day On Site Service after Remote Diagnosis ¹¹ ; Optional 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 x 9.7 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	11.42 / 5.14	2.6 / 1.18
Number of Bays	1 internal 3.5" HDD 2 internal 2.5" HDD/SSD 1 external slim ODD	1 x 3.5" HDD or 2.5" HDD/SDD 1 external slim ODD	1 internal 2.5" bay
Expansion Slots	1 full height PCIe x16 3 full height PCIe x1 1 M.2 (22x80mm / 22x42mm)	1 half height PCIe x16 1 half height PCIe x1 1 M.2 (22x80mm / 22x42mm)	1 M.2 (22x30mm) 1 M.2 (22x80mm / 22x42mm)
Power Supply^{1,5} Unit (PSU)	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

Essential Accessories

OptiPlex 3050 Tower, Small Form Factor and Micro



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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1. Offering and availability may vary by region. Some items 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. 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: 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.lockforlaptops.com.
8. In-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>