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

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

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

**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

#### Processor
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)
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
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 card
**Micro:** Integrated Intel® i219-V Ethernet LAN 10/100/1000; optional wireless: Intel® 8265 M.2 802.11ac+Bluetooth 4.2 card or Intel® 3165 M.2 802.11ac+Bluetooth 4.2 card

#### I/O Ports
**Tower/Small Form Factor:** 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® 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
Dual storage support

#### 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.

#### 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
Dell Client Command Suite for in-band systems management, Intel® Standard Manageability for out-of-band systems management

#### Warranty
Limited hardware warranty®, standard 3-year on-site service after remote diagnosis® (3-3-3);
Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 availability®.
## Dell OptiPlex 5050 Tower, Small Form Factor and Micro

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<tr>
<th>Chassis</th>
<th>Tower</th>
<th>Small Form Factor</th>
<th>Micro</th>
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<tbody>
<tr>
<td>Dimensions</td>
<td>13.8 x 6.1 x 10.8 / 35 x 15.4 x 27.4</td>
<td>11.4 x 3.7 x 11.5 / 29.0 x 9.26 x 29.2</td>
<td>7.2 x 1.4 x 7.0 / 18.2 x 3.6 x 17.8</td>
</tr>
<tr>
<td>Min. Weight</td>
<td>17.49 / 7.93</td>
<td>11.57 / 5.26</td>
<td>2.58 / 1.17</td>
</tr>
<tr>
<td>Number of Bays</td>
<td>1 internal 3.5&quot; HDD (convertible to 5.25&quot; ODD)</td>
<td>1 internal 3.5&quot; HDD (convertible to 2.5&quot; HDD)</td>
<td>1 internal slim ODD</td>
</tr>
<tr>
<td></td>
<td>2 internal 2.5&quot; HDD</td>
<td>1 internal slim ODD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 internal slim ODD</td>
<td></td>
<td></td>
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<tr>
<td>Expansion Slots</td>
<td>1 full height PCIe x16</td>
<td>1 half height PCIe x16 (open ended)</td>
<td>1 M.2 (22x30mm)</td>
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<tr>
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<td>1 full height PCIe x16 (wired x 4)</td>
<td>1 half height PCIe x4 (open ended)</td>
<td>1 M.2 (22x80mm or 22x42mm)</td>
</tr>
<tr>
<td></td>
<td>2 full height PCIe x1</td>
<td>1 M.2 (22x80mm or 22x42mm)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 M.2 (22x30mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>Standard 240W PSU</td>
<td>Standard 180W PSU</td>
<td>65W external adapter with 87% minimum average efficiency for use with 35W processors.</td>
</tr>
<tr>
<td>Unit (PSU)</td>
<td>240W typical 85% Efficient PSU (80 PLUS Bronze) ENERGY STAR complaint, Active PFC</td>
<td>180W typical 85% Efficient PSU (80 PLUS Bronze) ENERGY STAR complaint, Active PFC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>240W typical 92% Efficient PSU (80 PLUS Platinum); ENERGY STAR complaint, Active PFC</td>
<td>180W typical 92% Efficient PSU (80 PLUS Platinum); ENERGY STAR complaint, Active PFC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dell OptiPlex Small Form Factor All-in-One Stand</td>
<td>Dell OptiPlex Micro All-in-One Stand</td>
<td>Dell OptiPlex Micro VESA Mount</td>
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<tr>
<td></td>
<td>Dell OptiPlex Micro DVD+/-RW Drive Enclosure</td>
<td>Dell OptiPlex Micro VESA Mount</td>
<td>Dell OptiPlex Micro All in One Mount for E-Series Displays</td>
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<tr>
<td></td>
<td>Dell Pro Stereo Headset UC350</td>
<td>Dell OptiPlex Tower or Small Form Factor Cable Cover</td>
<td>Dell 24 Monitor P2417H (dual set up)</td>
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<tr>
<td></td>
<td>Dell Wireless Keyboard and Mouse KM636</td>
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</table>
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1. Offering and availability may vary by region. 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.
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.

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