



# Dell OptiPlex 9010

Dell's most powerful commercial desktop ever, the Dell™ OptiPlex™ 9010 delivers leading-edge productivity, security and manageability.

## Inspired Design

The OptiPlex 9010 is designed to seamlessly integrate into the office environment. Choose from five different chassis: mini-tower (MT), desktop (DT), small form-factor (SFF), ultra small form-factor (USFF), and the new 9010 All-in-One (AiO) for optimized desk space and maximum performance.

With a robust chassis that has undergone intense Highly Accelerated Life testing, the OptiPlex 9010 is designed for ultimate durability and reliability. Color-coded highlight tool-less accessible system components and grip points (MT/DT/SFF/USFF) make the system easy to service and maintain.

Dell OptiPlex desktops are engineered to respect our planet and offer services that help minimize energy consumption and recycle. Dell provides select BFR/PVC-free configurations<sup>1</sup> and recyclable packaging, and OptiPlex systems have a minimum of 10% post-consumed recycled plastic enclosure and offer highly efficient power supply options.

## Smart Productivity

Empower your workforce with Dell's most powerful commercial desktop ever. Users can power through their day with up to the latest Intel® Core™ i7 processors, choice of hard drive, SSD or hybrid drives, high-speed memory options, and optional AMD® Radeon™ or NVIDIA® graphics for advanced graphics performance.

Users can connect and communicate with colleagues around the world with wireless connectivity options, microphone and headset mini-jacks for voice-over-IP, and Microsoft Unified Communications for optimal video conferencing.

Maximize productivity with intuitive design features that adapt to unique work styles, including support for up to three digital native monitors and up to four front or side USB ports.

## Business-Class Control

Manage and maintain your OptiPlex 9010 with ease with the latest Intel® vPro systems management iAMT 8.x, which helps deliver seamless out-of-band management, while driver and image commonality across form factors further simplifies management. Dell's remote BIOS management offers efficient remote-control over firmware settings.

Confidently safeguard data with Dell Data Protection software, Trusted Platform Module (TPM)<sup>2</sup>, encrypted

hard drive options, and optional biometric authentication peripherals. Physical lock slot and optional lockable port cover and desk mount further help protect your system.

Dell OptiPlex long lifecycles, managed transitions, and ImageWatch™ advance look at software and hardware changes help ensure long-term stability so you can confidently plan for the future.

Finally, rely on Dell Services to configure, deploy, manage, and support your OptiPlex desktops for their entire lifecycle, including reselling or recycling when they reach end of life.

## Integrated Solutions

Dell offers tailored solutions for cost effective security, management, and end-user productivity.

Dell Data Protection | Encryption<sup>4</sup> offers a single solution for flexible data encryption across your network and removable media. One-touch preset compliance policy templates enable fast deployment, and the solution delivers the highest level of Federal Information Processing Standards 140-2 certification commercially available with the optional Hardware Encryption Accelerator.

Dell Desktop Virtualization Solutions provide a datacenter infrastructure to improve data security, streamline management, and speed time to value with purpose-built hardware, software and services for client virtualization. Dell's services and flexible delivery models help define and implement the right solution for your needs.

Dell systems management solutions help you centralize management, automate processes, and reduce support costs. Each client system comes with a complete set of utilities to enable industry-leading consoles, like Microsoft System Center tools, to better deploy, configure, manage, and update those devices. Dell also offers KACE<sup>4</sup> appliances to help seamlessly manage endpoints or Dell Services to help define and implement the right client management solution for your unique needs.

Dell Cloud Solutions help you offload select IT workloads and adopt an on-demand, pay-as-you-go model that scales with your organization. Automate manual or resource intensive tasks such as email management and crisis management and alerting.

Feature	9010 MT/DT/SFF/USFF Technical Specification				
Processors <sup>4, 13</sup>	Intel® 3rd generation Core™ i7/i5 Quad Core, i3 Dual Core (Post launch) and Pentium® Dual Core (Post launch); Intel® 2nd generation Core™ i3 Dual Core, Pentium® Dual Core; Intel vPro™ Technology available on select processors				
Chipset	Intel® Q77 Express Chipset				
Operating System Options	Microsoft® Windows 7® Home Basic (32/ 64 bit) (select countries), Microsoft® Windows 7® Home Premium (32/64 bit), Microsoft® Windows 7® Professional (32/64 bit), Microsoft® Windows 7® Ultimate (32/64 bit) Ubuntu® Linux (select countries)				
Graphics Options <sup>5</sup>	Integrated Intel® HD Graphics 2500/4000 (3rd generation Core i3/i5/i7 CPUs); Integrated Intel® HD Graphics 2000/3000 (2nd generation Core i3 CPUs); optional discrete 1GB NVIDIA GeForce GT640 (MT only) (available in June); optional discrete 1GB AMD RADEON HD 7570; optional discrete 1GB AMD RADEON HD 7470				
Memory <sup>6</sup>	Up to 4 DIMM slots (2 for USFF); Non-ECC dual-channel 1600MHz DDR3 SDRAM, up to 32GB (16GB for USFF)				
Networking	Integrated Intel® 82579LM Ethernet LAN 10/100/1000; optional Broadcom® NetXtreme® 10/100/1000 PCIe card; optional Dell Wireless 1530 PCIe (MT/DT/SFF) WLAN card (802.11n); optional Dell Wireless 1530 half-mini PCIe (USFF) WLAN card (802.11n)				
I/O Ports	4 External USB 3.0 ports (2 front, 2 rear) and 6 External USB 2.0 ports (2 front, 4 rear, except USFF – 4 rear only) and 2 Internal USB 2.0 (MT/DT only); 1 RJ-45; 1 Serial; 1 VGA; 2 DisplayPort; 2 PS/2 (MT/DT/SFF only); 2 Line-in (stereo/microphone), 2 Line-out (headphone/speaker), optional Parallel/Serial port support (MT/DT/SFF only), optional 1394a PCI card (MT/DT only)				
Removable Media Options	Blu-ray Writer Drive; DVD+/-RW; DVD-ROM; Dell 19 in 1 Media Card Reader (MT & DT only)				
Hard Drives <sup>7</sup> Options	3.5" Hard Drives: up to 1TB 7200 RPM; 2.5" Hard Drives: up to 500GB 7200 RPM; 500GB Hybrid; 320GB 7200 RPM Opal SED, 128GB Solid State Drive; RAID 0 & 1 support on select configurations; Supports Dell's Flexible Computing Solution diskless option				
Chassis		Minitower (MT)	Desktop (DT)	Small Form Factor (SFF)	Ultra Small Form Factor (USFF)
	Dimensions (H x W x D) Inches/(cm)	14.2 x 6.9 x 16.4 / (36.0 x 17.5 x 41.7)	14.2 x 4.0 x 16.1 / (36.0 x 10.2 x 41.0)	11.4 x 3.7 x 12.3 / (29.0 x 9.3 x 31.2)	9.3 x 2.6 x 9.4 / (23.7 x 6.5 x 24.0)
	Min. Weight (lbs/ kg)	20.68 / 9.4	17.38 / 7.9	13.2 / 6.0	7.26 / 3.3
	Number of Bays	2 internal 3.5" 2 external 5.25"	1 internal 3.5" 1 external 5.25"	1 internal 3.5" 1 external 5.25" (slimline)	1 internal 2.5" 1 external 5.25" (slimline)
	Expansion Slots	1 full height PCIe x16 1 full height PCIe x16 (wired x 4) 1 full height PCIe x1 1 full height PCI	1 half height PCIe x16 1 half height PCIe x16 (wired x 4) 1 half height PCIe x1 1 half height PCI	1 half height PCIe x16 1 half height PCIe x16 (wired x 4)	1 miniPCIe connector
	Power Supply <sup>8</sup> Unit (PSU)	Standard 275W PSU Active PFC or optional 275W up to 90% Efficient PSU (80 PLUS Gold); ENERGY STAR 5.2 compliant, Active PFC	Standard 250W PSU Active PFC or optional 250W up to 90% Efficient PSU (80 PLUS Gold); ENERGY STAR 5.2 compliant, Active PFC	Standard 240W PSU Active PFC or optional 240W up to 90% Efficient PSU (80 PLUS Gold); ENERGY STAR 5.2 compliant, Active PFC	200W up to 90% Efficient PSU (80 PLUS Gold); ENERGY STAR 5.2 compliant, Active PFC
Peripherals Options	Monitors: Dell Entry Standard and Widescreen Flat Panel Analog: Dell E170S, E190S, E1911, E1912H, E2011H, E2210, E2211H, E2311H Dell Professional Digital Standard and Widescreen Flat Panel: Dell P170S, P190S, P1911, P2012H, P2210, P2212H, P2312H, P2412H, P2712H Dell UltraSharp Digital Standard and Widescreen Flat Panel, Adjustable Stand: Dell 2007FP, U2212HM, U2312HM, U2410, U2412M, U2711, U3011				
	Keyboards: Dell USB Entry Keyboard, Dell Multimedia Pro Keyboard, Dell Smartcard Keyboard				
	Mouse: Dell USB Optical Mouse, Dell Laser Mouse				
	Audio Speakers: Internal Dell Business audio speaker, Dell AX210 2.0 Desktop Speakers; Dell AX510 and AX510PA Sound Bar Speakers				
Security Options <sup>1</sup>	Trusted Platform Module <sup>6</sup> (TPM) 1.2, Dell Data Protection Access, Dell Data Protection Encryption, Chassis lock slot support, optional Chassis Intrusion Switch, Setup/BIOS Password, I/O Interface Security, optional Smart Card keyboards, Intel® Trusted Execution Technology, Intel® Identity Protection Technology, Intel® Anti-Theft Technology, Dell Secure Works, BIOS support for optional Computrace <sup>7</sup>				
Systems Management Options <sup>10</sup>	Intel® vPro Technology (iAMT 8.0 ) including Dell unique vPro extensions; Intel® Standard Manageability; No Out of Band Systems Management				
Environmental, Ergonomic, & Regulatory Standards	Environmental Standards (eco-labels): ENERGY STAR 5.2, EPEAT Registered <sup>14</sup> , CECP, WEEE, Japan Energy Law, South Korea E-standby, South Korea Eco-label (for DT/SFF/USFF only), EU RoHS, China RoHS Other Environmental Options: Carbon Off-set; Asset Resale and Recovery Service. BFR/PVC Free configuration <sup>1</sup> available in select regions. Please see your local representative or dell.com for specific details.				
Warranty	Limited Hardware Warranty <sup>11</sup> ; Standard 3-year Next Business Day On Site Service after Remote Diagnosis <sup>12</sup> (3-3-3); Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 global availability <sup>4</sup> .				
Configuration Services	Factory Image load. BIOS Customization. Hardware Customization, Asset Tagging and Reporting.				



Feature		OptiPlex 9010 All-in-One Technical Specification	
Processors <sup>4</sup>	Intel® 3rd generation Core™ i7/i5 Quad Core, i3 Dual Core (Post launch) and Pentium® Dual Core (Post launch); Intel® 2nd generation Core™ i3 Dual Core, Pentium® Dual Core; Intel vPro™ Technology available on select processors		
Chipset	Intel® Q77 Express Chipset		
Operating System Options	Microsoft® Windows 7® Home Basic (32/ 64 bit) (select countries), Microsoft® Windows 7® Home Premium (32/64 bit), Microsoft® Windows 7® Professional (32/64 bit), Microsoft® Windows 7® Ultimate (32/64 bit) Ubuntu® Linux (select countries)		
Panel	23" WLED, 1920x1080 FHD resolution with anti-glare coating		
Graphics Options <sup>5</sup>	Integrated Intel® HD Graphics 2500/4000 (3rd generation Core i3/i5/i7 CPUs); Integrated Intel® HD Graphics 2000/3000 (2nd generation Core i3 CPUs); Integrated Intel® HD Graphics (Pentium® Dual Core CPU);		
Memory <sup>6</sup>	Up to 2 SODIMM slots; Non-ECC dual-channel 1600MHz DDR3 SDRAM, up to 16GB		
Networking	Integrated Intel® 82579LM Ethernet LAN 10/100/1000 Optional Dell Wireless 1530 half-mini PCIe WLAN card (802.11n); optional Intel® Wireless 6235 half-mini PCIe WLAN + Bluetooth card (802.11n)		
I/O Ports	4 External USB 3.0 ports (2 side, 2 rear) and 4 External USB 2.0 ports and; 1 RJ-45; 1 VGA; 1 HDMI; 2 PS/2; 1 Line-in (stereo/ microphone), 2 Line-out (1 side for headphone/1 rear for speaker)		
Removable Media Options	Dell 8-in-1 Media Card Reader (standard) Optional Blu-ray Reader Drive; optional DVD+/-RW; optional DVD-ROM		
Hard Drives <sup>7</sup> Options	3.5" Hard Drives: up to 1TB 7200 RPM 2.5" Hard Drives: 500GB Hybrid; 320GB 7200 RPM FIPS SED, 128GB Solid State Drive		
Chassis	Dimensions (H x W x D) Inches/(cm)	15.2 x 22.6 x 2.7 / (38.6 x 57.4 x 6.8)	
	Stand Depth Inches/(cm)	Stand: 8.7 / (22)	
	Min. Weight (lbs/kg)	16.8 / 7.6	
	Stand Weight (lbs/kg)	Stand: 5.28 / 2.4	
	Number of Bays	1 internal 3.5"	
	Expansion Slots	1 miniPCIe connector	
	Power Supply <sup>8</sup> Unit (PSU)	200W up to 90% Efficient PSU; ENERGY STAR 5.2 compliant, Active PFC	
	Camera type	Optional fixed 1.3 MP webcam with sliding door	
Peripherals Options	Second Monitors <sup>4</sup> : Dell Entry Standard and Widescreen Flat Panel Analog: Dell E170S, E190S, E1911, E1912H, E2011H, E2210, E2211H, E2311H Dell Professional Digital Standard and Widescreen Flat Panel: Dell P170S, P190S, P1911, P2012H, P2210, P2212H, P2312H, P2412H, P2712H Dell UltraSharp Digital Standard and Widescreen Flat Panel, Adjustable Stand: Dell 2007FP, U2212HM, U2312HM, U2410, U2412M, U2711, U3011		
	Keyboards: Dell USB Entry Keyboard, Dell Wired Business Multimedia Keyboard, Dell Smartcard Keyboard, Dell Wireless Keyboard		
	Mouse: Dell USB Optical Mouse, Dell Laser Mouse, Dell Wireless Mouse (sold with Dell Wireless Keyboard)		
	Audio Speakers: Internal Dell audio speaker (standard)		
Security	Trusted Platform Module <sup>6</sup> (TPM) 1.2, Dell Data Protection Access, Dell Data Protection Encryption, Chassis lock slot support, optional Chassis Intrusion Switch, Setup/BIOS Password, I/O Interface Security, optional Smart Card keyboards, Intel® Trusted Execution Technology, Intel® Identity Protection Technology, Intel® Anti-Theft Technology, Dell Secure Works, BIOS support for optional Computrace <sup>7</sup>		
Systems Management Options <sup>10</sup>	Intel® vPro Technology (iAMT 8.0) including Dell unique vPro extensions; Intel® Standard Manageability; No Out of Band Systems Management		
Environmental & Regulatory Standards	Environmental Standards (eco-labels):ENERGY STAR 5.2, EPEAT Registered <sup>14</sup> , CECP, WEEE, Japan Energy Law, South Korea Eco-label, EU RoHS, China RoHS, China Regulatory Name: OptiPlex 9010A Other Environmental Options: Carbon Off-set; Asset Resale and Recovery Service		
Warranty	Limited Hardware Warranty <sup>11</sup> ; Standard 3-year Next Business Day On Site Service after Remote Diagnosis <sup>12</sup> (3-3-3); Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 global availability <sup>4</sup> .		

## Discover professional class desktops at Dell.com/OptiPlex

1. OptiPlex 9010 small form factor 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%).

2. TPM: TPM is not available in all regions.

3. Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions).

4. Offering may vary by region.

5. System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.

6. 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.

7. Hard Drive: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

8. 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.

9. Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at [www.lockforlaptops.com](http://www.lockforlaptops.com).

10. 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) 8.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.

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. Next Business Day 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. 3rd generation CPUs natively support 3 displays with the integrated CPU graphics. Three simultaneous display output requires one DP port with a maximum resolution of 2500x1600 at 60Hz refresh rate and a DP and VGA port with max resolutions of 1920x1200 at 60Hz refresh rates.

14. Please refer to [www.epeat.net](http://www.epeat.net) for specific country registration rating and participation.

