



Dell OptiPlex 9020

Dell's most powerful commercial desktop ever, the Dell™ OptiPlex™ 9020 is the world's most manageable Intel® vPro™ enabled desktop and delivers leading-edge reliability and security.

Most manageable desktop

Manage and maintain your OptiPlex 9020 with ease with the latest Intel® vPro systems management iAMT 9.x, which helps deliver seamless management even when systems are offline. Update once with Dell's unique extension for one-to-many remote BIOS management and simplify management with image commonality across form factors.

Confidently safeguard data with Dell Data Protection software for advanced authentication and encryption, Dell Protected Workspace software for protection against the latest malware, Trusted Platform Module (TPM)², 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. The OptiPlex desktops are easy to service and maintain with color-coded highlight tool-less accessible system components and grip points (MT/SFF/USFF).

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.

Outstanding reliability

With a robust chassis that has undergone intense Highly Accelerated Life testing, the OptiPlex 9020 is designed for ultimate durability and reliability. Components and assembled systems are tested in order to simulate years of usage and deployments in tough conditions.

The OptiPlex 9020 is designed to seamlessly integrate into the office environment. Choose from four different chassis: mini-tower (MT), small form-factor (SFF), ultra small form-factor (USFF), and the new 9020 All-in-One (AiO) for optimized desk space and maximum performance.

Dell OptiPlex desktops are engineered to respect our planet and offer services that help minimize energy consumption and enable recycling. Dell provides select BFR/PVC-free configurations¹ and recyclable packaging, and OptiPlex systems have a post-consumed recycled plastic enclosure and offer highly efficient power supply options.

Workforce 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 discrete graphics.

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 Lync 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.

Equip yourself with the tools to get the most out of your system with Dell's recommended accessories.

Integrated Solutions

Protect your data from device to the cloud with Dell Data Protection | Encryption⁴, a single solution to protect data on PCs, mobile devices, tablets, external media, and public cloud storage. Remotely manage encryption and authentication policies from a single console, and simplify compliance with one-touch preset policy templates. Data-centric encryption is quick and easy to deploy, and it won't interfere.

Dell systems management solutions help you simplify management, automate processes, and reduce costs. Save time with Dell automation tools to streamline deployment and configuration, and efficiently monitor, inventory and update your systems with deep integration into Microsoft System Center and Dell KACE consoles. Dell also offers KACE⁴ appliances to help seamlessly manage endpoints, or Dell Services can help define and implement the right client management solution for your unique needs.

Dell OptiPlex desktops can also serve as high-performance endpoints within virtual desktop environments. Dell Cloud Desktop diskless solution enable to secure data in a central location, eliminating risk of loss and help prevent theft of sensitive data. It provides a seamless computing experience with fast log-in, application consistency and performance is consistent and reliable, because all applications run locally on the Dell Cloud Desktop.

Feature	9020 MT/SFF/USFF Technical Specification			
Processors ⁴	Intel® 4th generation Core™ i7/i5 Quad Core, Core™ i3 Dual Core and Pentium® Dual Core			
Chipset	Intel® Q87 Express Chipset			
Operating System Options	Microsoft® Windows 8 Standard 64-bit, Microsoft® Windows 8 Pro 64-bit Microsoft® Windows 7® Home Premium SP1 (32/64 bit), Microsoft® Windows 7® Professional SP1 (32/64 bit), Microsoft® Windows 7® Ultimate SP1 (32/64 bit) Ubuntu® (select countries)			
Graphics Options ⁵	Integrated Intel® HD Graphics 4600; supports optional discrete graphics solutions from AMD and nVidia			
Memory ^{5,6}	Up to 4 DIMM slots (2 for USFF); Non-ECC dual-channel 1600MHz DDR3 SDRAM, up to 32GB (16GB for USFF)			
Networking	Integrated Intel® I217LM Ethernet LAN 10/100/1000; supports optional PCIe 10/100/1000 network card, optional wireless 802.11n card Note: the integrated Intel connection is required to support Intel® vPro™ Technology			
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 only); 1 RJ-45; 1 Serial; 1 VGA; 2 DisplayPort; 2 PS/2 (MT/SFF only); 2 Line-in (stereo/microphone), 2 Line-out (headphone/speaker)			
Removable Media Options	Supports optional optical disc drives and media card reader options			
Hard Drives ⁷ Options	Hard Disk Drives: up to 1TB Supports Hybrid, Opal SED FIPS, and Solid State Drive RAID 0 & 1 support on select configurations No Hard Drive – Supports Dell Cloud Desktop diskless option			
Chassis		Minitower (MT)	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)	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	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" (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 miniPCIe connector
	Power Supply ⁸ Unit (PSU)	Standard 290W PSU Active PFC or optional 290W up to 90% Efficient PSU (80 PLUS Gold); Active PFC	Standard 255W PSU Active PFC or optional 255W up to 90% Efficient PSU (80 PLUS Gold); Active PFC	200W up to 90% Efficient PSU (80 PLUS Gold); Active PFC
Recommended Accessories	Monitors: Dell UltraSharp series - Award-winning high-performance monitors and ultrawide viewing, from 21.5"-30" Dell Professional series monitors available from 17"-24" Dell Single Monitor Arm and Dual Monitor Stand			
	Keyboards: Dell USB Entry Keyboard, Dell Multimedia Pro Keyboard, Dell Smart Card Keyboard			
	Mouse: Dell USB Optical Mouse, Dell Laser Mouse			
	Audio Speakers: Internal Dell Business audio speaker, Dell 2.0 and 2.1 stereo speaker systems available; Dell sound bar for select flat-panel displays.			
Security Options ¹	Trusted Platform Module ⁶ (TPM) 1.2, Dell Data Protection Security Tools, 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 ⁷			
Systems Management Options ¹⁰	Intel® vPro Technology (iAMT 9.0)) 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 qualified, EPEAT Registered ¹⁴ , CECP, WEEE, Japan Energy Law, South Korea E-standby, South Korea Eco-label (for SFF/USFF only), EU RoHS, China RoHS Other Environmental Options: Carbon Off-set; Asset Resale and Recovery Service. BFR/PVC Free configuration ¹ available in select regions. Please see your local representative or dell.com for specific details.			
Warranty	Limited Hardware Warranty ¹¹ ; Standard 3-year On Site Service after Remote Diagnosis ¹² (3-3-3); Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 availability ³ .			
Configuration Services	Factory Image load. BIOS Customization. Hardware Customization, Asset Tagging and Reporting.			



Feature	OptiPlex 9020 All-in-One Technical Specification		
Processors ⁴	Intel® 4th generation Core™ i7/i5 Quad Core, i3 Dual Core and Pentium® Dual Core		
Chipset	Intel® Q87 Express Chipset		
Operating System Options	Microsoft® Windows 8 Standard 64-bit, Microsoft® Windows 8 Pro 64-bit Microsoft® Windows 7® Home Basic SP1 (32/ 64 bit), Microsoft® Windows 7® Home Premium SP1 (32/64 bit), Microsoft® Windows 7® Professional SP1 (32/64 bit), Microsoft® Windows 7® Ultimate SP1 (32/64 bit) Ubuntu® (select countries)		
Panel	23" WLED, 1920x1080 FHD resolution with anti-glare coating ; optional projected capacitive touchscreen with glossy coating		
Graphics Options ⁵	Integrated Intel® HD Graphics 4600; supports optional discrete graphics solutions from AMD		
Memory ^{5,6}	2 SODIMM slots; Non-ECC dual-channel 1600MHz DDR3/DDR3L SDRAM, supports up to 16GB		
Networking	Integrated Intel® I217LM Ethernet LAN 10/100/1000; supports optional wireless 802.11n card and optional 802.11m wireless card with Bluetooth Note: the integrated Intel connection is required to support Intel® vPro™ Technology		
I/O Ports	4 External USB 3.0 ports (2 side, 2 rear) and 4 External USB 2.0 ports; 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) Supports optional optical disc drives		
Hard Drives ⁷ Options	Hard Disk Drives: up to 1TB Supports Hybrid, Opal SED FIPS, and Solid State Drive No Hard Drive – Supports Dell Cloud Desktop diskless option		
Chassis		Non-touch All-in-One systems	Touch All-in-One systems
	Camera type	Optional fixed 2.0 MP webcam with sliding door	Optional, tilting 2.0 MP webcam
	Dimensions (H x W x D) Inches/(cm)	15.2 x 22.6 x 2.7 / (38.6 x 57.4 x 6.8)	15.2 x 22.6 x 2.8 / (38.6 x 57.4 x 7.2)
	Min. Weight (lbs/kg)	16.8 / 7.6	20.8 / 9.44
		Basic Stand	Articulating Stand
	Stand Depth Inches/(cm)	8.7 / (22)	9.84 / (25)
	Stand Weight (lbs/kg)	5.28 / 2.4	6.6 / 3
	Number of Bays	1 internal 3.5"	
	Expansion Slots	1 miniPCIe connector	
	Power Supply ⁸ Unit (PSU)	200W up to 90% Efficient PSU; Active PFC	
Peripherals Options ⁴	Second Monitors ⁴ : Dell Entry Standard and Widescreen Flat Panel Analog: Dell E1713S, E1913S, E1913, E1912H, E2013H, E2213, E2213H, E2313H Dell Professional Digital Standard and Widescreen Flat Panel: Dell P170S, P1913S, P1913, P2012H, P2212H, P2213, P2312H, P2412H Dell UltraSharp Digital Standard and Widescreen Flat Panel, Adjustable Stand: Dell 2007FP, U2212HM, U2312HM, U2412HM, U2410, U2713HM, U3011		
	Keyboards: Dell USB Entry Keyboard, Dell Multimedia Pro Keyboard, Dell Smart Card Keyboard, Dell Wireless Keyboard		
	Mouse: Dell USB Optical Mouse, Dell Laser Mouse, Dell Wireless Mouse (bundled with Dell Wireless Keyboard)		
	Audio Speakers: Internal Dell audio speaker (standard)		
Security Options ⁴	Trusted Platform Module ² (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 ⁷		
Systems Management Options ¹⁰	Intel® vPro Technology (iAMT 9.x) 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 qualified, EPEAT Registered ¹¹ , CECF, 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 ¹¹ ; Standard 3-year On Site Service after Remote Diagnosis ¹² (3-3-3); Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 availability ³ .		

Discover professional class desktops at Dell.com/OptiPlex

- OptiPlex 9020 ultra 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%). Pending final validation.
- TPM: TPM is not available in all regions.
- Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicesdescriptions.
- Offering and availability may vary by region.
- System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.
- 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.
- 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.
- 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.
- Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.ijackforlaptops.com.
- 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.
- 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.
- 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.
- Please refer to www.epeat.net for specific country registration rating and participation.

