



## OptiPlex 9020



### Out of Sight Power.

Dell's most secure and manageable commercial desktop, the OptiPlex 9020, now delivers leading-edge technology and versatility to any business environment with the space-saving Micro chassis.

Available with up to Intel® Core™ i7 processors, Intel® HD graphics, and Intel® vPro systems management, OptiPlex 9020 enables increased power and productivity. Enhance these features with Dell essential accessories such as award winning monitors, keyboards, mice, and headsets for a complete computing experience. Additionally, the Micro form factor is compatible with five optional mounting solutions, allowing you to keep your desktop off the desk, off the floor and out of the way.

For more information visit:

[www.dell.com](http://www.dell.com)

Feature	9020 MT/SFF/USFF/Micro Technical Specification				
Processors <sup>4</sup>	Intel® 4th generation Core™ i7/i5 Quad Core (84W for MT & SFF, 65W for USFF and 35W for Micro), Core™ i3 Dual Core and Pentium® Dual Core (35W for Micro only)				
Chipset	Intel® Q87 Express Chipset				
Operating System	Windows 8.1 64 bit Windows 8.1 Pro 64 bit Windows 7 Professional SP1 32 bit Windows 7 Professional SP1 64 bit Windows 8.1 Pro 64 bit Downgrade Ubuntu® (select countries)				
Graphics Options <sup>5</sup>	Integrated Intel® HD Graphics 4600 Supports optional discrete graphics (MT & SFF only)				
Memory <sup>5,6</sup>	Up to 4 DIMM slots (2 for ,USFF & Micro); Non-ECC dual-channel 1600MHz DDR3 SDRAM, up to 32GB (16GB for USFF & Micro)				
Networking	Integrated Intel® I217LM Ethernet LAN 10/100/1000; supports optional PCIe 10/100/1000 network card (MT & SFF only) Optional wireless: 802.11a/b/g/n card (MT, SFF & USFF); optional wireless M.2 802.11ac card (Micro only). Note: The integrated Intel connection is required to support Intel® vPro™ Technology for MT, SFF & USFF				
I/O Ports	For MT, SFF & USFF : 4 External USB 3.0 ports (2 front, 2 rear) and 6 External USB 2.0 ports (2 front, 2 rear, except USFF – 2 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) For Micro: 6 USB3.0 (2 front and 4 rear); 1 RJ-45; 1 VGA; 1 DisplayPort; 1 GHS (front); 1 Mic-in (front re-taskable to headphone); 1 External Antenna (optional); 1 DisplayPort/HDMI/Serial+PS2 (optional).				
Removable Media Options	Supports optional optical disc drives and media card reader options (MT only)				
Hard Drives <sup>7</sup> Options	Hard Disk Drives: up to 2TB Supports Hybrid, Opal SED FIPS, and Solid State Drive and M.2 Solid State Drive (Micro) RAID 0 & 1 support on select configurations (MT & SFF only) No Hard Drive – Supports Dell Cloud Desktop diskless option				
Chassis		<b>Minitower (MT)</b>	<b>Small Form Factor (SFF)</b>	<b>Ultra Small Form Factor (USFF)</b>	<b>Micro</b>
	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	7.17 x 1.4 x 6.93 / 18.2 x 3.6 x 17.6
	Min. Weight (lbs/kg)	20.68 / 9.4	13.2 / 6.0	7.26 / 3.3	2.82 / 1.28
	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)	1 internal 2.5"
	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	1 M.2 (22x30mm) 1 M.2 (22x80mm)
	Power Supply <sup>8</sup> 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	Standard 65W adaptor. Minimum Efficiency >87%, ENERGY STAR compliant.
Recommended Accessories	Monitors: Dell UltraSharp series - Award-winning high-performance monitors and ultra wide viewing, from 21.5" -30" Dell Professional series monitors available from 17" -24" Dell E series monitor 17" – 24"				
	Micro Mounting Options: Vertical Stand, VESA Mount, Dual VESA Mount, All in One Mount, Console with DVD-RW				
	Keyboards: Dell USB Entry Keyboard, Dell Multimedia Pro Keyboard, Dell Smart Card Keyboard, Dell Wireless KB/Mouse				
	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	Trusted Platform Module <sup>2</sup> (TPM) 1.2, Dell Data Protection Security Tools, Dell Data Protection Encryption, Dell Data Protection Protected Workspace, 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>9</sup>
Systems Management Options <sup>10</sup>	Intel® vPro Technology (iAMT 9.0) including Dell unique vPro extensions; Intel® Standard Manageability; NoOut of Band Systems Management
Environmental, Ergonomic, & Regulatory Standards	Environmental Standards (eco-labels): ENERGY STAR 6.0 qualified, EPEAT Registered <sup>13</sup> , 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 <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 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 availability <sup>3</sup> .
Configuration Services	Factory Image load. BIOS Customization. Hardware Customization, Asset Tagging and Reporting.

## Discover professional class desktops at [Dell.com/OptiPlex](http://Dell.com/OptiPlex)

- 1 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.
- 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 and availability 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.ijackforlaptops.com](http://www.ijackforlaptops.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) 9.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 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 Please refer to [www.epeat.net](http://www.epeat.net) for specific country registration rating and participation.