Dell OptiPlex 7020

Inspired Design

The OptiPlex 7020 business-class desktop delivers essential performance, security and manageability features to match your productivity needs. Available in the mini-tower and small form factor chassis, the OptiPlex 7020 will seamlessly integrate into any office setting.

Empower your staff

Built with the end-user in mind, OptiPlex 7020 provides the power and performance of 4th Generation Intel® Core™ processors, with Intel® integrated graphics and discrete graphics options that supply increased performance over previous generations. Rich collaborative features include wireless connectivity options, front microphone and headset mini-jacks for voice-over-IP, and Microsoft™ Lync Certification. Plus, OptiPlex 7020 comes with six native USB ports, and legacy PCI support on the mini-tower.

Security you can trust

OptiPlex 7020 is the **most secure commercial desktop in its class**, providing comprehensive encryption, advanced authentication and malware prevention from a single source. The flexibility of Dell's security offerings allow you to choose the level of data protection necessary for your business and budget.

Simplify life for IT

Tool-less serviceability combined with Dell automated technology for deploying, monitoring and updating systems reduces complexity and improves IT efficiency. For increased management of your Dell desktop fleet, integration with Dell KACE applications is available.

Built to last

OptiPlex 7020 desktops are designed and tested to assure long term reliability and durability in hard working environments. Under Dell's Highly Accelerated Life Cycle Testing (H.A.L.T) regimen, engineers verify the system's tolerance to heat, cold, vibration, shocks and drops.

We're here to help

By partnering with Dell for your business needs, you'll receive full lifecycle client management, from deployment to controlled transitions and end-of-life product recycling. Additionally, OptiPlex 7020 is available with award-winning Dell ProSupport™ for 24X7 access to experts who will keep your systems up and running.

Simply do more

Dell offers a complete portfolio of accessories including wireless keyboards and mice, universal headsets, USB port covers, security locks and award winning monitors. And all accessories and software are covered under Dell ProSupport™.

Order your configured OptiPlex 7020 through Dell Smart Selection and expect shipment within 24-48 hours.

OptiPlex 7020 MT/SFF Technical Specifications[1]		
Processors[1]	Intel® 4th generation Core™ i7/i5 Quad Core, and Core™ i3 Dual Core, PDC	
Chipset	Intel® Q87 Express Chipset	
Operating System Options[1]	Microsoft® Windows 8 Standard 64-bit, Microsoft ® Windows 8 Pro 64-bit Microsoft® Windows 7® Professional SP1 (32/64 bit) Ubuntu®	
Graphics[2]	Integrated Intel® HD Graphics 4600 (i5/i7); Integrated Intel® HD Graphics 4400 (i3); Integrated Intel® HD Graphics (PDC); supports optional discrete graphics solutions from AMD	
Memory[5]	Up to 4 DIMM slots; Non-ECC dual-channel 1600MHz DDR3 SDRAM, supports up to 16GB. Not all options available in every country nor in every configuration.	
Networking	Integrated Intel® I217LM Ethernet LAN 10/100/1000; supports optional wireless 802.11n card	
I/O Ports	4 External USB 3.0 ports (2 front, 2 rear) and 6 External USB 2.0 ports (2 front, 4 rear) and 1 Internal USB 2.0 (MT only); 1 RJ-45; 1 Serial; 1 VGA; 2 DisplayPort; 2 PS/2; 2 Line-in (stereo/microphone), 2 Line-out (headphone/speaker)	
Removable Media	Supports optional optical disc drives and media card reader options	
Hard Drives[4] Options	Hard Disk Drives: up to 1TB; Supports Hybrid and Solid State Drive No Hard Drive – Supports Dell Cloud Desktop diskless option	

Chassis		Minitower (MT)	Small Form Factor (SFF)
	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)
	Min. Weight (lbs/kg)	20.68 / 9.4	13.2 /6.0
	Number of Bays	2 internal 3.5" 2 external 5.25"	1 internal 3.5" 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	PCIe x16 PCIe x16 wired as x4
	Power Supply[5] Unit (PSU)	Standard 290W PSU Active PFC; 290W up to 90% Efficient PSU (80 PLUS Gold); 290W up to 85% Efficient PSU (80PLUS Bronze);ENERGY STAR 6.0 compliant, Active PFC	Standard 255W PSU Active PFC; 255W up to 90% Efficient PSU (80 PLUS Gold); 255W up to 85% Efficient PSU (80PLUS Bronze); ENERGY STAR 6.0 compliant, Active PFC

Recommended Accessories[1]	Monitors: Dell UltraSharp Monitors - Award-winning, high-performance with ultra wide viewing, from 21.5"-30; and 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 2.0 and 2.1 stereo speaker systems available; Dell sound bar for select flat-panel displays.	
	Dell Print Solutions: Black-and-White, Color and Multifunction Lasers for printing and document management	
Security	Trusted Platform Module[6] (TPM) 1.2, Dell Data Protection|SecurityTools, 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® Ant-Theft Technology, KACE Security, Dell Secure Works, BIOS support for optional Computrace[7]	
Systems Management [8]	Intel® Standard Manageability; No Out of Band Systems Management	
Environmental & Regulatory Standards	Environmental Standards (eco-labels): ENERGY STAR 6.0, EPEAT Registered[10], 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. USFF BFR/PVC Free[9]	
Warranty and Service	Limited Hardware Warranty[11]; Standard 3-year Next Business Day On Site Service after Remote Diagnosis[12] (3-3-3); Optional 3-year Dell ProSupport™ for IT; 4 year and 5 year service and support options[13]	

1. Offering may vary by region. Some items may be available post-RTS. 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. 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.
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. Additionally, APFC not available in EMEA.
6. TPM is not available in all regions.
7. Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.lojackforlaptops.com.
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. Dell adopts the BFR/CFR/PVC-free definition as set forth in the "iNEMI Position Statement on the Definition of 'Low-Halogen' Electronics (BFR/CFR/PVC-Free). Some exceptions may apply in external peripherals and power cords."
10. Please refer to www.epeat.net for specific country registration rating and participation
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.
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) 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. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.