



Lenovo® recommends Windows® 7 Professional.

THINKCENTRE M90z

LENOVO THINKCENTRE M90z, PREMIUM ENTERPRISE-LEVEL COMPUTING BUILT-IN AN ALL-IN-ONE DESKTOP.

The ThinkCentre® M90z All-In-One (AIO) desktop is the perfect answer for today's large enterprises that demand strong computing, delivered with a more energy-efficient, space-saving and greener machine. Integrated into a single unit, the ThinkCentre M90z promises a well-organized, clutter-free work environment along with an optional wireless keyboard and mouse. The ThinkCentre M90z is powered by the all new 2010 Intel® Core™ processors and comes coupled with the outstanding Lenovo Enhanced Experience for Windows® 7. Empowering large PC fleets, the ThinkCentre M90z provides a premium, yet fresh computing experience.

Features offered with the ThinkCentre M90z take enterprise-level computing to a whole new level. To enhance the VoIP experience, the ThinkCentre M90z can come with a built-in 2MP HD webcam¹ and array microphones¹, providing seamless video conferencing capabilities. These optional built-in microphones and webcam are now simple to operate with a physical mute button¹ and a webcam on/off switch¹, enabling companies to work without worrying about unwanted disturbances and spying. To help boost employee productivity, the ThinkCentre M90z supports a dual display mode, providing you with more screen space to manage your work with ease. This AIO desktop can also function as a standalone monitor through a VGA input, a convenience that allows you to work with your ThinkPad® on two screens!

The ThinkCentre M90z is the world's first TCO Certified EDGE AIO. This remarkable AIO desktop is manufactured using 41.8%² Post Consumer Content (PCC), which uses less virgin plastic, thereby reducing the environmental impact. The ThinkCentre M90z desktop also fully complies with stringent green standards such as EPEAT™ Gold, ENERGY STAR™³ and GREENGUARD® certification. The intelligent auto-brightness¹ control automatically detects the surrounding light conditions and accordingly adjusts the brightness. This feature helps conserve energy, saving up to \$8⁵ more on your energy bills⁵.

Further, the exceptional ThinkCentre M90z is less dependent on IT support with an easy-to-service, tool-less chassis that enables end users to quickly access and upgrade the memory and the hard disk drive. Equipped with features such as

LENOVO ENHANCED EXPERIENCE FOR WINDOWS® 7. FAST. SECURE. BUILT FOR BUSINESS.

Discover a better way of doing business with the new Lenovo Enhanced Experience for Windows® 7 on Think-branded PCs. Faster, more durable and greener Think-branded PCs are optimized for Windows® 7 to deliver improved ease of use. It enhances productivity and foolproof security that your business cannot do without.



the Intel® vPro™ technology³, the ThinkVantage® Technologies suite, the Trusted Platform Module and the Hardware Password Manager⁴, this ThinkCentre M90z makes managing a PC fleet simpler and more economical. With more than 12 months' stability, you achieve a great user experience with improved performance. The ThinkCentre M90z AIO incorporates the latest technology, along with optimum security and manageability features to offer the convenience of a traditional desktop and the comfort of an All-In-One!

¹Optional.

²Calculation based on EPEAT™ standard as reference. ThinkCentre M90z, plus optional fingerprint keyboard, has about 41.8% Post Consumer Content (PCC) in its plastic parts

³Select models only.

⁴Sold separately.

⁵Comparing a ThinkCentre M90z versus a ThinkCentre M52 and ThinkVision L2440p with Power Manager™ deployed and idle screen off. Based on energy cost of \$0.103 kWh: Energy Information Administration, Annual Energy Outlook 2009 (early release edition).

⁶ThinkCentre auto-brightness control allows an extra energy savings of 79.46 kWh. Based on energy costs of \$0.103 kWh – Energy Information Administration, Annual Energy Outlook 2009 (early release edition). Final data may vary.



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SUPERIOR END-USER EXPERIENCE

- Full HD screen with dual display support
- Space-saving and clutter-free design
- Standalone display capable through VGA input
- SimpleTap software for improved multitouch capability
- Height adjustable stand²
- Easy-to-carry handle
- 2MP HD webcam² and digital array microphones²
- Ease-of-use design—physical mute button² for microphone and webcam on/off switch²

ENVIRONMENTALLY FRIENDLY FEATURES

- First AIO PC with a TCO EDGE Certification
- Significant savings on power costs¹—save over US\$54.72 per year
- Up to 41.8% Post-Consumer Content (PCC)³
- Reusable bag (TopSeller™ model)
- Auto-brightness control²—saving up to \$8 more on your energy bills⁵
- EPEAT™ Gold⁴ and ENERGY STAR™ 5.0⁴
- Lenovo exclusive GREENGUARD® certification

MANAGEABILITY AND SECURITY FEATURES

- Intel® vPro™ technology⁴
- ThinkVantage® Technologies support
- Trusted Platform Module feature
- Hardware Password Manager⁵ capable

RELIABLE FEATURES

- All new 2010 Intel® Core™ processors offering Turbo Boost Technology
- Quick servicing with an easy-access component layout

¹Comparing a ThinkCentre M90z versus a ThinkCentre M52 and ThinkVision L2440p with Power Manager™ deployed and idle screen off. Based on energy cost of \$0.103 kWh; Energy Information Administration, Annual Energy Outlook 2009 (early release edition).

²Optional.

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SERVICE OFFERINGS

THINKPLUS® SUPPORT

Lenovo offers unequalled service excellence that lowers overall IT support costs and repair expenses.

- **Base Warranty Service:** Provides Lenovo standard award-winning service and support
- **ThinkPlus Warranty Extension and Upgrade:** Protects investment and increases productivity with the enhanced service-level upgrade and term extension
- **ThinkPlus Priority Support:** Provides technical support for the business—increases helpdesk productivity with 24x7 advanced-level technical support and service call-tracking tools
- **ThinkPlus Priority 4:** Offers enhanced on-site response within 4hr for critical IT support needs

THINKPLUS PROTECTION

- Protects your data from the unexpected—saves money, reduces hassles and offers peace-of-mind
- Hard Disk Drive Retention (HDDR): Allows you to retain your hard disk drive if it fails and thus protects data from falling into the wrong hands

THINKPLUS ENTERPRISE SOLUTIONS

- Offer peace-of-mind with Lenovo as a single-point-of-contact—manages infrastructure, consolidates contracts and streamlines the number of vendors
- Lenovo Imaging Services: Provides security—the protection bundle includes Next Business Day (NBD) on-site service and ThinkPad Protection
- Lenovo Asset Recovery Services: Recover value from old assets and help you dispose, data securely—turns old PC trash into cash

SI No.	Program	Base Warranty	Upgrade Service Description	U.S. Part Number
1	Warranty	3-year On-site	4-year On-site	55Y9580
2	Warranty	3-year On-site	5-year On-site	55Y9581
3	Warranty	3-year On-site	+ 9x5x4	41C9192
4	Warranty	3-year On-site	+ 24x7x4	41C9193
5	Warranty	3-year On-site	4-year On-site 9x5x4	41C9195
6	Warranty	3-year On-site	4-year On-site 24x7x4	41C9196
7	HDDR	3-year On-site	+ 3-year HDDR	43R2157
8	HDDR	3-year On-site	4-year On-site + 4-year HDDR	43R8831
9	HDDR	3-year On-site	5-year On-site + 5-year HDDR	45J8404
10	PRI	3-year On-site	3-year Priority Enterprise	45J9088
11	PRI	3-year On-site	4-year Priority Enterprise + 4-year On-site	45J9089
12	PRI	3-year On-site	5-year Priority Enterprise + 5-year On-site	45J9090
13	PRI	3-year On-site	4-year Priority Enterprise	55Y3612
14	PRI	3-year On-site	5-year Priority Enterprise	55Y3616



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THE LENOVO THINKCENTRE M90z ALL-IN-ONE DESKTOP SPECIFICATIONS

DESCRIPTION	M90z		
Processors	<ul style="list-style-type: none"> Intel® Core™ i5-6x0 processor (1333MHz 4T/Dual-Core/4M/73W/Turbo LGA 1156) Intel® Core™ i3-5x0 processor (1333MHz 4T/Dual-Core/4M/73W/LGA 1156) Intel® Pentium® G6950 processor (1066MHz/Dual-Core/3M/73W/LGA 1156) 		
Preloaded Operating Systems	<ul style="list-style-type: none"> Genuine Windows® 7 Professional (32-bit) Genuine Windows® 7 Professional (64-bit) Genuine Windows® 7 Home Premium (32-bit) Genuine Windows® 7 Home Premium (64-bit)⁷ 	<ul style="list-style-type: none"> Genuine Windows® 7 Home Basic (32-bit) Genuine Windows® XP Professional SP3 pre-installed through downgrade rights from Genuine Windows Vista® Business or Genuine Windows® 7 	
Chipset	<ul style="list-style-type: none"> Intel® Q57 chipset 		
Form Factor	<ul style="list-style-type: none"> All-in-one 		
Machine Type	<ul style="list-style-type: none"> 0800, 0852, 2471, 2557, 3091, 3265, 3373, 3429, 3650, 3678, 4285, 5205 and 5248 		
Serial ATA Hard Disk Drive	<ul style="list-style-type: none"> 160GB, 250GB, 320GB, 500GB 7200rpm SATA 1TB 7200rpm SATA⁸ 	<ul style="list-style-type: none"> 80GB flash solid state drive⁹ 150GB 10k rpm⁹ 	
Memory	<ul style="list-style-type: none"> 1GB/2GB 1333MHz DDR3 SODIMM Up to 4GB/8GB⁹ memory 		
Optical Drive	<ul style="list-style-type: none"> Slim DVD-ROM Slim DVD recordable 		
Integrated Communications	<ul style="list-style-type: none"> Intel® 82578DM, 10M/100M/1000M Gigabit Ethernet 		
WiFi	<ul style="list-style-type: none"> Intel® Centrino® Wireless-N100 	<ul style="list-style-type: none"> Intel® Centrino® Ultimate-N6300 	
Bluetooth®	<ul style="list-style-type: none"> QMI 9WBM102QCE01Q² Qcom QBT410UB-01² 		
Ports	<ul style="list-style-type: none"> (6) High-speed USB 2.0 (2 side/4 rear) (2) Side audio ports: headphone and microphone (2) PS/2⁹ ports² (1) Serial² 	<ul style="list-style-type: none"> (1) Integrated Display Port (1) VGA-in (1) RJ-45 (1) AC-in 	
Slots	<ul style="list-style-type: none"> (1) Mini PCI-e x1 slot (1) ExpressCard slot² 		
Bays	<ul style="list-style-type: none"> (1) Internal HDD Bay 3.5" (1) Internal ODD Bay 5.25" 		
Display	<ul style="list-style-type: none"> Integrated 23" widescreen (16:9) 		
Web Camera	<ul style="list-style-type: none"> 2MP USB webcam with array microphones² 		
Power Supply	<ul style="list-style-type: none"> 150 W 85 plus (auto-sensing) 		
Dimensions (HxWxD) (mm)	<ul style="list-style-type: none"> 443x560x116 (with multitouch, with frame stand) 443x560x109 (without multitouch, with frame stand) 	<ul style="list-style-type: none"> 443x560x250 (with lift stand) 	
Keyboard	<ul style="list-style-type: none"> Lenovo Preferred Pro Full-size Keyboard Preferred Pro Fingerprint Keyboard 	<ul style="list-style-type: none"> Lenovo Ultraslim Wireless Keyboard² ThinkPad USB Keyboard with TrackPoint^{®2} 	
Mouse	<ul style="list-style-type: none"> USB Optical Wheel Mouse Lenovo Ultraslim Wireless Mouse² 		
Graphics Card	<ul style="list-style-type: none"> Intel® GMA HD (integrated) 		
Security	<ul style="list-style-type: none"> TPM 1.2 chip USB individual disable/enable Computrace® support 	<ul style="list-style-type: none"> Kensington slot Chassis intrusion switch² 	
Limited Warranty	<ul style="list-style-type: none"> Up to 3-year 		
Preloaded Software	<ul style="list-style-type: none"> Adobe® Acrobat® Reader® Acrobat® Flash® Player Skype™ PC-Doctor for WinPE SUN™ JRE™ Corel® Burn SE Lenovo Edition 	<ul style="list-style-type: none"> Corel® DVD MovieFactory® 7 Lenovo Edition InterVideo WinDVD® Microsoft® Office Professional 2007 (60-day trial version) Norton® Internet Security 2009 ThinkVantage® Rescue and Recovery® 	<ul style="list-style-type: none"> ThinkVantage Product Recovery ThinkVantage ClientSecurity Solution (Web delivery only) ThinkVantage Password Manager ThinkVantage Power Manager™ Lenovo ThinkVantage Toolbox ThinkVantage System Update (up to 3-year)

⁶The ThinkCentre M90z supports both 1066MHz and 1333MHz DDR3 memory modules. For example: if you are using the 1333MHz memory module(s) with a microprocessor that runs at 1066MHz (such as the Intel® Pentium® G6950 microprocessor), your memory module(s) will operate at 1066MHz.

⁷For Hong Kong and special bid only.

⁸For special bid only.

⁹Only available from options team using 4GB.



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THE LENOVO THINKCENTRE M90z ALL-IN-ONE DESKTOP TOP OPTIONS



LENOVO ULTRASLIM WIRELESS KEYBOARD AND MOUSE (57Y4700)

Reliable 2.40GHz wireless resistant keyboard and mouse combination; contemporary, low profile design.



THINKCENTRE M90z HEIGHT ADJUSTABLE STAND (57Y4351)

Easily adjust the ThinkCentre system to help improve viewing comfort. Adjustments include: 110mm height adjustment and 30 degrees (25 back, 5 forward) tilt adjustment.

www.lenovo.com/support/stands

LENOVO FINGERPRINT USB KEYBOARD (73P4730)

Replace Windows® passwords with fast, secure access using your fingerprint.



THINKPAD IN-EAR HEADPHONES (57Y4488)

High-quality voice and audio performance in a comfortable, lightweight design with discrete hands-free in line microphone for clear communications.



THINKPAD USB KEYBOARD WITH TRACKPOINT® (55Y9003)

Save valuable desk space; 30% narrower than a full-size keyboard—measures 12.5" (315mm) wide. Eliminates an external mouse with the integrated TrackPoint®.

www.lenovo.com/support/keyboards



KENSINGTON SECURITY CABLE LOCK BY LENOVO (73P2582)

Help reduce theft, increase physical asset security.

www.lenovo.com/support/security



PC3-10600 DDR3-1333MHz SODIMM LOW-HALOGEN MEMORY

Low-cost method to boost system performance
1GB (55Y3709), 2GB (55Y3710), 4GB (55Y3711).



GEMPLUS 54MM EXPRESSCARD SMARTCARD READER FROM LENOVO (41N3043)

Control access to databases, corporate computer networks.

www.lenovo.com/support/security



LENOVO USB-TO-DVI MONITOR ADAPTER (45K5296)

HD resolution and multiple monitors, is just as simple USB connection away.

www.lenovo.com/support/monitoraccessories



LENOVO LASER MOUSE (41U3074)

High-performance, fully programmable, superior comfort laser mouse.

www.lenovo.com/support/mice



LENOVO DISPLAYPORT TO SINGLE-LINK DVI-D MONITOR CABLE (45J7915)

Attach existing DVI-D digital 1920x1200 resolution monitor to DisplayPort.

www.lenovo.com/support/monitoraccessories

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