THINKCENTRE
M81 DESKTOP

Lenovo® recommends Windows® 7 Professional.

ACE YOUR PERFORMANCE.

THE NEW THINKCENTRE M81 COMES WITH ALL THE THINKING YOU NEED TO MAXIMISE THE PRODUCTIVITY OF YOUR ENTERPRISE.

THE LENOVO® THINKCENTRE® M81 DESKTOP

For professionals who need speed, stability and manageability with environmentally-friendly computing, Lenovo introduces the ThinkCentre M81. Equipped with 2nd Generation Intel® Core™ processor technology, the ThinkCentre M81 offers up to 20% CPU performance gains. Intel® Turbo Boost 2.0 technology[2] dynamically alters CPU speed to give you more power when needed. Integrated Intel® HD Graphics delivers extraordinary graphics that are up to two times faster. For visually-intensive applications, the ThinkCentre M81 supports the use of Quad Independent Display via discreted graphic cards through option. Improve productivity by projecting different application screens on up to four separate displays. Supporting up to four independent displays, the ThinkCentre M81 offers significant gains in CPU performance and user productivity.

Usability has been improved on the ThinkCentre M81. Lenovo RapidBoot technology allows the ThinkCentre M81 to start in less than 24 seconds. Boot up is made even faster with Lenovo RapidDrive SSD technology[1], which also improves application performance. Superior security is another of the many advantages of the ThinkCentre M81. The Hardware Password Manager, Trusted Platform Module 1.2[3] and individual USB enable/disable keeps your system and your data safe.

In addition, the ThinkCentre M81 is a highly eco-friendly desktop. The 90% efficient power supply[4] and Lenovo Power Manager help maximize power usage of the desktop. This is complemented by adherence to international standards, including ENERGY STAR® 5.2[1], EPEAT® Gold[1], GREENGUARD®, Climate Savers® and up to 42% post-consumer content.

Offering stability, manageability, security and faster processing technology, the Lenovo ThinkCentre M81 is engineered to deliver superior computing to enterprise users.

TOP REASONS TO OWN

- Faster Performance with 2nd Generation Intel® Core™ Technology
- Superior Platform Stability with Intel® Stable Image Platform Program (SIPP)
- Improved Productivity with Quad Independent Display Support
- Reduced Environmental Impact with ENERGY STAR® 5.2[1], EPEAT® Gold[1] and GREENGUARD® Certifications
- Better Maintenance with Standard Manageability

LENOVO ENHANCED EXPERIENCE 2.0 FOR WINDOWS® 7. FASTER AND OPTIMIZED FOR BUSINESS.

Lenovo Enhanced Experience 2.0 for Windows® 7 uses RapidBoot technology to start your PC on average 20 seconds faster than a typical Windows® 7 computer*. And with superior web conferencing and robust security features, you'll benefit from increased productivity at the office. Find out more at www.lenovo.com/win7ee

*Compares averaged data from Lenovo EE 2.0 PCs with averaged data from 42 competitor products of similar configuration. Testing conducted by CNET Labs, Beijing in November 2010, using the independent Microsoft VTS tool to measure start-up, shutdown, resume and other Windows® 7 performance measurements. Data from competitor and Lenovo PCs were averaged and compared to calculate the claims used. Performance will vary by model and configuration.

lenovo®

THERE'S MORE THINKING IN A ThinkCentre®

Lenovo® recommends Windows® 7 Professional.

QUALITY HARDWARE FOR EXCEPTIONAL PERFORMANCE

The Lenovo® ThinkCentre® M81 delivers superior performance with:

- 2nd generation Intel® Core™ processors with Turbo Boost 2.0 technology[2]
- Quad Independent Display for efficient multitasking
- HDDs with SATA III support, twice as fast as SATA II
- USB 3.0[5] support, ten times faster than USB 2.0

TECHNOLOGY OPTIMIZED FOR BUSINESS BENEFITS

The ThinkCentre M81 offers significant advantages for enterprises, including, speed, security and advanced communications. This includes:

- Lenovo RapidBoot technology, for boot times less than 24 seconds
- Lenovo RapidDrive SSD technology[1], for a further reduction in boot time and better application performance
- Superior security, with Hardware Password Manager and TPM 1.2[3]
- Intel® Stable Image Platform Program (SIPP), for high platform stability

IMPROVING WORKPLACE PRODUCTIVITY

The ThinkCentre M81 comes with several features that improve workplace productivity, such as:

- VGA and DisplayPort™ (DP) onboard for dual independent display
- ATI Radeon™ discrete graphics for Quad Independent Display support
- Lenovo enhance experience 2.0 for faster boot up within 24 sec

ENERGY EFFICIENT AND GREEN

The ThinkCentre M81 has been designed to be a highly environmentally-friendly desktop with:

- A power supply unit with an efficiency of 90%[4]
- 56% improved power consumption from the ThinkCentre M58
- The latest version of Lenovo Power Manager for effective power utilization
- Compliance with international standards like ENERGY STAR® 5.2[1], EPEAT® Gold[1], GREENGUARD® and Climate Savers®
- Incorporates up to 42% recycled post-consumer content (PCC)

1 In selected model
2 With Intel® Core™ i5/i7 processors
3 Disabled for Russia and China
4 Special bid only
5 Optional

THERE'S MORE THINKING IN A ThinkCentre®

Lenovo® recommends Windows® 7 Professional.

SOFTWARE OFFERINGS

SUPPORTED OPERATING SYSTEMS

- Genuine Windows® 7 Professional 64-bit
- Genuine Windows® 7 Professional 32-bit
- Genuine Windows® 7 Home Premium 64-bit
- Genuine Windows® 7 Home Premium 32-bit
- Genuine Windows Vista® Business 32-bit
- Genuine Windows® 7 Professional with Windows® XP Professional Downgrade preinstalled[7]

SUPPORTED TVT TOOLS

- Productivity Center
- Rescue and Recovery®
- System Update
- Password Manager
- Product Recovery
- Power Manager
- Client Security Solution
- Lenovo Message Center Plus
- Lenovo ThinkVantage® Toolbox

PRE-LOADED APPLICATIONS

- Adobe Acrobat Reader®
- Acrobat Flash® Player
- Microsoft® Office 2010[8]
- Microsoft® Window Live™
- Intervideo® WinDVD® (DVD models only)
- Lenovo System Toolbox for Windows®
- PC-Doctor for WINPE
- Norton Internet Security 2011 with 30 days of virus definitions
- Skype™
- KINGSOFT Dictionary
- Japanese: KINGSOFT Dictionary[9]
- Corel Burn Now[10]
- Corel DVD MovieFactory Lenovo Edition

SERVICE OFFERINGS

THINKPLUS® SUPPORT

- All Lenovo ThinkCentre customers receive Lenovo's award-winning base warranty service and support. Increase employee uptime and protect your investment longer by upgrading your warranty support to a higher service level and/or extending the base warranty for as long as you plan to own your Lenovo ThinkCentre.
- Enterprise operations require priority attention to support needs of their IT departments and need fast, expert product support for their end-users and technicians. Lenovo's ThinkPlus Priority Support gives IT departments faster access to Lenovo technical support for PC hardware and software issues, along with IT management tools to maximize helpdesk productivity while managing overhead costs.
- Bypass basic troubleshooting and experience shorter hold times, reduced repair times and higher first-time-fix rates so that your IT team can concentrate on mission-critical business activities.

THINKPLUS PROTECTION

- Lenovo Protection Services for ThinkCentre protects you and your business against hard-drive failure. Lenovo Hard Disk Drive Retention allows you to retain your hard drive in case it should fail and protects valuable files falling into wrong hands, instead of returning the damaged part to Lenovo.
- To learn more about these and other available Lenovo Services, visit **www.lenovo.com/services**

Lenovo® recommends Windows® 7 Professional.

THE LENOVO® THINKCENTRE® M81 DESKTOP SPECIFICATIONS

DESCRIPTION	M81	
Processors	• Intel® Core™ i7 - 2xx0 processor 95W/65W • Intel® Core™ i5 - 2xx0 processor 95W/65W/45W	• Intel® Core™ i3 - 2xx0 processor 65W/35W • Intel® Pentium® Gxxx processor 65W[11]
Preloaded OS (Operating System)	• Genuine Windows® 7 Professional 64-bit • Genuine Windows® 7 Professional 32-bit • Genuine Windows® 7 Home Premium 64-bit • Genuine Windows® 7 Home Premium 32-bit • Genuine Windows Vista® Business 32-bit	
Chipset	• Intel® Q65 SIPP	
Machine Type	**Tower:** • 4166, 5030, 5048	**SFF:** • 4167, 5032, 5049
Dimensions (WxDxH)	**Tower:** • 175mm x 442mm x 414mm	**SFF:** • 337mm x 369mm x 99mm
Serial ATA Hard Drive	• 250GB, 320GB, 500GB 7200RPM SATA • 1TB 7200RPM SATA[4]	
Solid State Drive	• 160GB Flash® Solid State Drive[4]	
Memory	• 1GB/2GB/4GB 1333MHz DDR3 UDMM,16GB max	
Optical Drive	• DVD-ROM, DVD Recordable	
Slots	**Full Height:** • (2) PCI slot • (1) PCI-e x 16 slot • (1) PCI-e x 1 slot	**Low Profile:** • (2) PCI slot • (1) PCI-e x 16 slot • (1) PCI-e x 1 slot
Ports	• (10) High Speed USB 2.0 (2 front / 6 rear / 2 internal) • (2) Front Audio ports: Headphone and Microphone • (1) Standard Serial, (1) Optional Serial, • (1) SATA III, (2) SATA II, (1) Optional eSATA, (1) Optional IEEE 1394	• (1) Optional Parallel • (1) VGA, (1) DisplayPort™, (1) RJ-45 • (3) Rear Audio ports: Line in, Line out and Microphone
Keyboard	• Lenovo Preferred Pro Full Size Keyboard / Lenovo Preferred Pro Full Size PS/2 Keyboard • Lenovo Preferred Pro Fingerprint Keyboard	
Mouse	• USB Edge Optical Wheel Mouse / PS/2 Three Button Optical Mouse	
Graphic Card	• Intel® HD Graphics (integrated) / ATI Radeon™ HD5450 (DVI + DP) (discrete)	
Security	• Security Chip • Trust Platform Module (TPM 1.2)[3] • Chassis Intrusion Switch • USB Individual disable/enable • Computrace® Support	• Kensington slot • Padlock Loop • eSATA port disablement
Bays	**Tower:** • (2) 3.5" Internal HDD Bay • (2) 5.25" Internal ODD Bay • (1) 3.5" External Memory Card Reader Bay	**SFF:** • (1) 3.5" Internal HDD Bay • (1) 5.25" Internal ODD Bay • (1) 3.5" External Memory Card Reader Bay
Power Supply	**Tower:** • 320W 90% Efficiency Active PFC[4] • 280W 85% Efficiency Active PFC • 280W 70% Efficiency Passive PFC	**SFF:** • 240W 85% Efficiency Active PFC • 240W 65% Efficiency Active PFC
Integrated Communications	• Intel® 82579, 10M/100M/1000M Gigabit Ethernet	
Limited Warranty	• Up to 3 years	

6 Emerging market only
7 Selected languages
8 Purchase a product key to activate a full Microsoft Office 2010 suite.
9 Japan only (Kingsoft Dictionary)
10 Lenovo Edition
11 Available in May, 2011.

Lenovo® recommends Windows® 7 Professional.

THE LENOVO® THINKCENTRE® M81 DESKTOP OPTIONS

MONITOR AND MONITOR ACCESSORIES

LENOVO THINKVISION® L1951p MONITOR - 2448HB6

- 19-inch wide display supporting 1440 x 900 resolution with VGA Analog and DVI digital inputs
- Supports ThinkVision Soundbar (45K1263)

LENOVO L2251P MONITOR - 2572HD6

- Environmentally responsible 22" Wide monitor with DisplayPort™ for easy connection with notebooks and desktops
- Supports ThinkVision Soundbar (45K1263)

THINKVISION SOUNDBAR (45K1264)

- Adds stereo-audio sound without sacrificing valuable desk space
- Supports Dual Speaker with 3+3 (total) watts of output
- Offers Integrated headphone and microphone jacks
- Comes with external AC power adapter
- Is compatible with the following ThinkVision monitors: L2440p, L2440x, L2251x, L2251p, L2250p, L2060, L1951p, L1900p and L1711

THINKCENTRE EXTEND ARM (57Y4352)

- Improve viewing comfort using tilt adjustment or pivot for portrait or landscape viewing
- Extend forward or collapse backward to move monitor out of the way when not in use.
- 10.6-inches (270-mm) of height adjustment

www.lenovo.com/support/monitoraccessories

PRODUCTIVITY AND PERFORMANCE ACCESSORIES

LENOVO 512MB NVIDIA® GEFORCE® 310 DMS59 DUAL-DVI, DUAL-VGA GRAPHICS CARD (57Y4167)

- Boost graphics performance
- Attach two DVI digital or VGA analog monitors

www.lenovo.com/support/graphiccards

PC3-10600 DDR3-1333 UDIMM MEMORY

Lowest cost method to boost system performance

- 1GB PC3-10600: 57Y4389
- 2GB PC3-10600: 57Y4390
- 4GB PC3-10600: 0A36527

www.lenovo.com/support/desktopmemorycompatibility

SECURITY ACCESSORIES

LENOVO FINGERPRINT USB KEYBOARD (73P4730)

- Replace Windows passwords with fast, secure access using your fingerprint

www.lenovo.com/support/keyboards

KENSINGTON MICROSAVER CABLE LOCK FROM LENOVO (73P2582)

- Help reduce theft and increase physical asset protection
- Secure the ThinkCentre system or a monitor

www.lenovo.com/support/security

ADDITIONAL ACCESSORIES

LENOVO LASER MOUSE (41U3074)

- High performance, fully programmable, superior comfort laser mouse.
- High-Definition with 2000 dpi resolution for extraordinary accuracy and increased responsiveness which results in smoother tracking

www.lenovo.com/support/mice

LENOVO ULTRASLIM PLUS WIRELESS & MOUSE (0A34032)

- Reliable 2.4GHz wireless keyboard and mouse combination eliminate cables and desktop clutter
- Contemporary, low-profile design

800 938 838 **www.lenovo.com/hk/en**

©2010 Lenovo. All rights reserved.
Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable warranties, visit www.lenovo.com/hk/warranty. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, Rescue and Recovery, ThinkStation, ThinkVantage and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Core, Core Inside, Xeon and Xeon Inside are registered trademarks of Intel Corporation in the U.S. and other countries. Other company, product and service names may be trademarks or service marks of others.
Visit **Lenovo.com/safecomputing** periodically for the latest information on safe and effective computing.

THERE'S MORE THINKING IN A ThinkCentre