**Windows®. Life without Walls™.
Lenovo® recommends Windows 7.**

MANAGING I.T. WAS NEVER THIS EASY.

THINKCENTRE M91 AND M91p COME WITH MORE THINKING TO SAVE TIME, EFFORT AND MONEY.

THE LENOVO® THINKCENTRE® M91 AND M91p DESKTOP

The Lenovo ThinkCentre M91 and M91p are premium enterprise-class desktop computers optimized for high performance and manageability. M91 and M91p are the Lenovo's first enterprise-class ThinkCentres with the 2nd generation Intel® Core™ processor. These easily manageable desktops include Intel® vPro™ with Intel® Active Management Technology™ (AMT). The Intel® AMT™ allows authorized IT personal to remotely access, diagnose, fix, manage and secure business desktops. These superior features also deliver on maintenance cost and time savings. The Intel® Core™ processors, employed by ThinkCentre M91 and M91p come with Hyper-Threading and Turbo Boost 2.0 to multitask faster and deliver powerful performance. The ThinkCentre M91 and M91p provide smart technology to keep you competitive while optimizing your budget and business operation.

These highly scalable ThinkCentres are available in different form factors (tower and small) and can be customized to your need. The small form factor (SFF) has RAID with ODD support functions as a backup mechanism, and to secure data. In addition, the M91 and M91p desktops will soon be available in ultra-small form factor (USFF).

The M91 and M91p are the fastest ThinkCentre desktops with SATA III hard disk drive and USB 3.0. The SATA III enables data transfer at the rate of 6GB per second, which is twice as fast as SATA II. The USB 3.0 transfers data at the speed of 625MB per second – ten times as fast as USB 2.0. ThinkCentre M91 and M91p are highly productive, supporting up to four independent displays (with discrete graphics), enabling almost an extra hour of productivity each day.

Lenovo's Hardware Password Manager, available as optional software, enables complete remote and central management of keys and passwords for self-encrypting hard disk drives. The Secure Managed Client (SMC) 2.0 solution helps businesses to reduce IT costs with the potential to save up to 40%[1] expenditure over three years as compared to a managed PC environment and provides savings up to 63%[1] in total cost of ownership as compared to a virtual desktop implementation.

The ThinkCentre M91 and M91p Lenovo's most power savings business desktops and come equipped with features like the ENERGY STAR® compliant Power Supply Unit and the Lenovo Power Manager tool. The Lenovo Enhanced Experience for Windows® 7 helps the system boot up faster than an average computer. In additional to manageability, performance and reliability, the ThinkCentre M91 and M91p come with award-winning base warranty service and support – for complete peace of mind. The Lenovo's ThinkPlus® Priority Support gives IT department the freedom to access the Lenovo Technical Support to troubleshoot PC hardware and software issues and manage overhead costs.

TOP REASONS TO OWN

- FIRST THINKCENTRE WITH 2ND GENERATION INTEL® CORE™ PROCESSOR
- MOST MANAGEABLE DESKTOP COMPUTER
- INDUSTRY'S BEST SECURITY FEATURES
- FASTER-THAN-EVER DATA TRANSFER SPEED
- MOST ENVIRONMENT FRIENDLY AND AWARD-WINNING SUPPORT AND SERVICES

**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.

THERE'S MORE THINKING IN A ThinkCentre

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STABLE TECHNOLOGY AND STRONG SECURITY

The ThinkCentre® M91 and M91p provide great return on investment with:

- Intel® Stable Image Platform Program (SIPP), enabling a predictable transition from one technology generation to the next
- Embedded Trusted Platform Module (TPM) chip for data protection
- Lenovo's Hardware Password Manager[2] (HPM) for exclusive hard drive protection
- Options to enable or disable USBs individually for extended PC security

MANAGEABILITY IN A BREEZE

The ThinkCentre M91 and M91p are designed with the latest features for secure system management. These include:

- Latest Intel® vPro™ technology with Intel® AMT™ for enhanced remote support and maintenance
- Tool-less chassis simplifies maintenance tasks by enabling easy access to the chassis
- Asset Recovery Service returns maximum value on PC transitions

ESSENTIAL PRODUCTIVITY

The ThinkCentre M91 and M91p is improved for faster productivity and performs better with the:

- Support for four independent displays with discrete graphics card
- Use of RAID with ODD support (on SFF) that also enhances data security

FASTER DATA TRANSFER

The ThinkCentre M91 and M91p enable faster port transfer speeds with:

- New SATA III hard disk drives that transfer data twice faster than the previous SATA II hard disk drives
- SuperSpeed USB 3.0 with the ability to transfer data ten times faster than USB 2.0

GREEN AND HIGH COST SAVINGS

The ThinkCentre M91 and M91p are environmentally-friendly desktops that help save considerable amount of energy and non-degradable material. This is achieved through:

- Increased power savings over 3-years life cycle adding to long-term benefits
- The latest Power Manager, which helps use energy efficiently in diverse situations
- The use of up to 42% post-consumer content (PCC)[3], which ecologically repurposes recycled plastic materials

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1 Source: Gartner, 4 August 2008, 'TCO Comparison of PCs with Hosted Virtual Desktop'. TBR September 2008, 'Lenovo Secure Managed Client Solution: Delivering True Windows® Fidelity in a Centrally Managed Environment'.
2 Sold separately
3 Recycled plastic percentage varies on form factors (including optional Fingerprint Keyboard):
Tower - 42.10%, SFF - 39.63%, Eco USFF - 36.45%. Calculation based on EPEAT standard as reference.

THERE'S **MORE THINKING** IN A **ThinkCentre**

SOFTWARE OFFERINGS

SUPPORTED OPERATING SYSTEMS

- Genuine Windows® 7 Home Premium 32 bit
- Genuine Windows® 7 Home Premium 64 bit
- Genuine Windows® 7 Professional 32 bit
- Genuine Windows® 7 Professional 64 bit

SUPPORTED TVT TOOLS

- Rescue and Recovery®
- Product Recovery
- Access Help
- System Update
- Password Manager
- Power Manager and Power Schemes
- ThinkVantage® Toolbox

PRE-LOADED APPLICATIONS

- Skype™
- Adobe Acrobat Reader®
- Adobe Flash® Player
- SUN™ JRE™
- Microsoft® Office Starter 2010
- Norton® Internet® Security

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 department and need fast, expert product support for their end-users and technicians. Lenovo's ThinkPlus Priority Support gives IT department 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 the 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

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THE LENOVO® THINKCENTRE® M91 AND M91p SPECIFICATIONS

DESCRIPTION	ECO ULTRA-SMALL (USFF)	SMALL FORM (SFF)	TOWER
Processor	• Intel Core i CPU (Sandybridge), Eco supports up to 65W Quad CPU		
Chassis	• 4.8L	• 11L	• 25L
DIMM Slots	• 2 SODIMM	• 4 UDIMM	
DIMM Speed Support	• DDR3 1333MHz Supported		
Ethernet	• Gigabit (Intel 82579, wake on LAN)		
TPM	• Latest TPM	• Latest TPM	
Serial Ports	• 1 optional via punching out	• 1 standard, 1 optional via punching out	
Parallel Port	• Optional by PCI parallel card	• Optional by parallel cable	
PS/2® Ports	• 2 optional through punching out		
Audio Ports	• 2 front, 3 rear		
USB Ports	• 2 front, 6 rear, 2 internal		
SATA II and III Ports	• 1 SATA III and 1 SATA II	• 2 SATA III and 1 SATA II	
eSATA Port	• 1 optional		
Integrated Audio	• HD Audio, Realtek ALC 662 codec		
Internal Speaker	• Standard	• Optional	
Internal Speaker AMP	• Standard on-board		
Buzzer	• No	• Standard	
PCI Slots	• 1 (low profile)	• 2 (low profile)	• 2 (full height)
PCIe x1 Slots	• No	• 1 (low profile)	• 1 (full height)
PCIe x16 Slots	• No	• 1 (low profile)	• 1 (full height)
Integrated Graphics	• Intel HD Graphics		
DID Support	• Yes (display port and VGA on board)		
2nd HDD Bay	• No	• Optional either 2nd HDD or slim ODD[4]	• Standard Configuration
Ease of Use (EOU)	• Yes		
RoHS	• Yes		
Kensington Slot	• Yes		
Padlock Loop	• No		• Yes
Chassis Intrusion Switch	• Optional building block		
PSU	• 150w 87%	• 240w 85%	• 280w 85% or 320w 90% (special bid only)

4 If you have a 2nd HDD, the original ODD will be replaced by a slim ODD

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Windows 7

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ENHANCED
EXPERIENCE

THE LENOVO® THINKCENTRE® M91 AND M91p 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 L2021 MONITOR (4449-HB1)
- 20-inch wide display supporting 1600 x 900 resolution with VGA Analog and DVI digital inputs
- Supports ThinkVision Soundbar (45K1263)

THINKVISION SOUNDBAR (45K1264 UK POWER ADAPTER)
- 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, 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

HD 5450 512MB (DVI + DP)
- Boost graphics performance

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

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

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

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