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NEW WORLD. NEW THINKING.

The

**ThinkCentre**

M90/M90p

Customer Presentation



Powered by the All New 2010 Intel® Core™ i Series Processor Family

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## ThinkCentre M90/M90p – Value Proposition

**FOR:**

Large businesses who want to refresh their PC fleet with desktops that will enable them meet the complex computing needs of today's global, 24/7 business demands through integrated features that deliver enhanced security, manageability, and flexibility. **The ThinkCentre M90/M90p was built for this purpose.** They are first ThinkCentre desktops to feature Intel's new Core I Series processors, which provide added power to easily multitask even while operating intensive applications.



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# ThinkCentre M90/M90p

Powerful. Stable. Secure.

# ThinkCentre



## Best Performance

- 2010 Intel® Core™ i5 and i7 processors
- Optional Multi-touch Monitors for Windows 7

## Best User Experience

- New ergonomic design for added convenience
- Lenovo Enhanced Experience for Windows 7 (Boot up n as low as 35 seconds)

## Security/Manageability

- Powered by all new 2010 Intel® Core™ vPro™ processors with AMT 6.0 support
- Security and Manageability provided by Lenovo's Secured Manager Client (SMC) 2.0, ThinkVantage Technology (TvT) Suite, and Hardware Password Manager (HPM)

## Green Design/Cost Savings

- ENERGY STAR 5.0 certified – saving a total of \$43 USD per unit, per year.
- 42% of the plastic in the M90/M90p consists of Post Consumer Recycled Content (PCC)

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## ThinkCentre M90/M90p: Better Performance, Faster Productivity



### Latest Platform Technology from Intel

- 81% better performance (compared to ThinkCentre premium offering 4 years ago, the M55).
- Intel Core i Series Processors. Faster multitasking and productivity through Intel® Turbo Boost Technology and Intel® Hyper-Threading Technology

### Multitouch Monitors

- The Lenovo L2461x Wide Monitor is the ideal Lenovo monitor for multi-touch use with Windows 7
- The Lenovo L2461x offers a more direct way to interact with your PC than a traditional mouse and keyboard

## ThinkCentre M90/M90p: Optimized and Enhanced User Experience



**Better Ergonomic Design**

- The power button is closer to the top, meaning it's easier to access without having to reach too far down
- Tower models have a tilted design on the front I/O ports, making them easy and quick to see, plug, and play
- Towers also have an easy to use handle bar for better mobility within the office.



**Windows®7 Enhanced Experience**

- Optimized for Windows® 7 (Boot up in as low as 35 seconds)

# ThinkCentre M90/M90p: Secure & Manageable

# ThinkCentre



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## Intel® vPro™ Technology

- The new Intel Core vPro processor family is designed to keep downtime and desk-side visits to a minimum, enabling remote monitoring, diagnosis, and repair of PCs—even if they're shut down or the OS is unresponsive
- Reduce the duration of an average security exposure from days to a matter of hours.
- Increased confidence in PC inventories and audit accuracy of up to 99%.

## Lenovo Innovations

- ThinkVantage Technologies (TVTs): Assist users and IT managers during every stage of the PC lifecycle
- Secure Managed Client (SMC): An alternative client solution that delivers a superior end-user, business and IT experience
- Hardware Password Manager (HPM): centralized password management and is currently the only solution available worldwide that does so for all hard drives regardless of vendor

# ThinkCentre M90/M90p: Green Design/Cost Savings

# ThinkCentre



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## Green Eco-Friendly Features

- **Lower carbon footprint:** 42% of the plastic in M90/M90p construction consists of Post Consumer Recycled Content (PCC) from sources such as used IT equipment.
- **Energy Efficient:** The full M90/M90p product line is ENERGY STAR 5.0 certified. It helps save \$43 in energy savings per unit per year.

## ThinkVantage Technologies

- **ThinkVantage Power Manager** helps cut electricity consumption by as much as 69%
- **Rescue & Recovery** restores corrupted systems, saving an estimated \$57 per occurrence
- **ThinkVantage System Update** significantly reduces the need for users to manually search for drivers, saving up to \$192 annually in reduced help-desk calls

\*NOTE: 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.

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# ThinkCentre M90 Specifications



Form factor	Eco USFF (exclusive LC & India)	SFF	Tower
Processors	-	Quad Core: Core i7-870, Core i7-860, Core i5-750	
		Core i5-6x0 series, Core i3-5x0 series Pentium G6950	
DIMM Slots	2 (SODIMM)	4 (UDIMM)	
DIMM Speed Support	1333MHz Supported		
Memory Supported	1G, 2G, 3G, 4G	1G, 2G, 3G, 4G, 8G	
ODD	DVD-ROM DVD Recordable		
HDD	160G, 250G, 320G, 500G, 1TB <sup>(1)</sup> , 10K rpm 150G <sup>(2)</sup> , 80G SSD <sup>(1)</sup>		
Ethernet	Integrated Intel 82578DM Gigabit Ethernet		
TPM	TPM 1.2 (Except Russia & LC)		
Serial Ports	1 optional via punching out	1 standard, 1 optional via punching out	
Parallel Port	Optional by PCI-parallel card		Optional by cable
PS/2 Ports	2, optional via punching out		
Audio Ports	Front headphone and microphone, rear: audio in/out, microphone		
USB ports	2 front, 6 rear, 2 internal		
SATA Ports	2+1 (eSATA included)		3+1 (eSATA included)
eSATA port	1 optional		
VGA and DisplayPort	1 VGA, 1 DisplayPort		
RJ45	1 RJ45		
Integrated Audio	HD (required for Vista Premier Logo)		
Internal Speaker Amp	Yes		
Buzzer	No, via internal speaker		



1) special bid only  
2) AG special bid only

# ThinkCentre M90 Specifications (cont.)



Form Factor	Eco USFF (exclusive LC & India)	SFF	Tower
Keyboard and Mouse	Lenovo Preferred Pro Full Size Keyboard Preferred Pro Fingerprint Keyboard (optional) USB Optical Wheel Mouse		
PCI Slots	1 Low Profile		2 Full Height
PCIe x1 Slots	No		1 Full Height
PCIe x16 Graphics Slot	No	1 Low Profile	1 Full Height
Integrated Graphics	Yes (exclusive Core i Quad Core, i5-750)		
DID support	Yes Display port and VGA on board		
5'25 HDD ODD bay	1		2
3.5" HDD Bay	1		2
Card Reader Bay	Single slot SD card reader	Slim card reader	slim card reader
Intrusion Switch	Yes, optional		
Floor Stand	Optional		No
Energy Star 5.0 Power Supply	130W 87%	240W 85%	280W 85%, 320W 88% <sup>(1)</sup>
Dimension (HxWxD)mm	79 x 275 x 238	99 x 317 x 355	414 x 175 x 442
Weight (Max config weight ) lbs/kg	9.22 / 4.18	16.53 / 7.50	24.25 / 11.00



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(1) special bid only

# ThinkCentre M90/M90p Eco USFF Top Options

# ThinkCentre



- 1 *ThinkVision monitor*
- 2 *Vertical PC and Monitor Stand or Ultra Small Under Desk Mount*
- 3 *DDR3 SODIMM Memory*
- 4 *USB-to-DVI Monitor Adapter*
- 5 *Soundbar*
- 6 *ThinkVision Radial Arm*
- 7 *Headset*
- 8 *Webcam*
- 9 *Wireless Keyboard and Mouse, Fingerprint Keyboard, Smartcard Keyboard or Laser Mouse*
- 10 *Memory Key*
- 11 *Security Cable Lock*
- 12 *DisplayPort Monitor Cable*

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# ThinkCentre M90/M90p SFF, Tower Top Options **ThinkCentre**



- 1 *ThinkVision monitor*
- 2 *Graphics Card*
- 3 *DDR3 UDIMM Memory*
- 4 *USB-to-DVI Monitor Adapter*
- 5 *Soundbar*
- 6 *ThinkVision Radial Arm*
- 7 *Headset*
- 8 *Webcam*
- 9 *Wireless Keyboard and Mouse, Fingerprint Keyboard, Smartcard Keyboard or Laser Mouse*
- 10 *Memory Key*
- 11 *Security Cable Lock*
- 12 *DisplayPort Monitor Cable*



# ThinkCentre M90/M90p Monitor Solutions



L2251x Wide

**BEST**

- World's 1<sup>st</sup> TCO Certified Edge Monitor
- EPEAT Gold rated in US, UK, France and others
- Arsenic free glass, mercury free and low halogen <sup>(1)</sup>
- Integrated camera
- Ambient Light Sensor and Proximity Sensor
- DisplayPort and USB connectivity
- Performance Stand

L2440p Wide

**BETTER**

- 24" screen with sharp and vivid images
- Save up to 50% power <sup>(2)</sup>
- 65% recycled packaging materials
- 33% less mercury
- Performance stand

L1900p

**GOOD**

- EPEAT Gold rated in US, UK, France and others
- Light Booster technology
- Save up to 30% power <sup>(2)</sup>
- 50% less mercury <sup>(2)</sup>

Also, L2461x Wide is the best choice for Multi-touch!

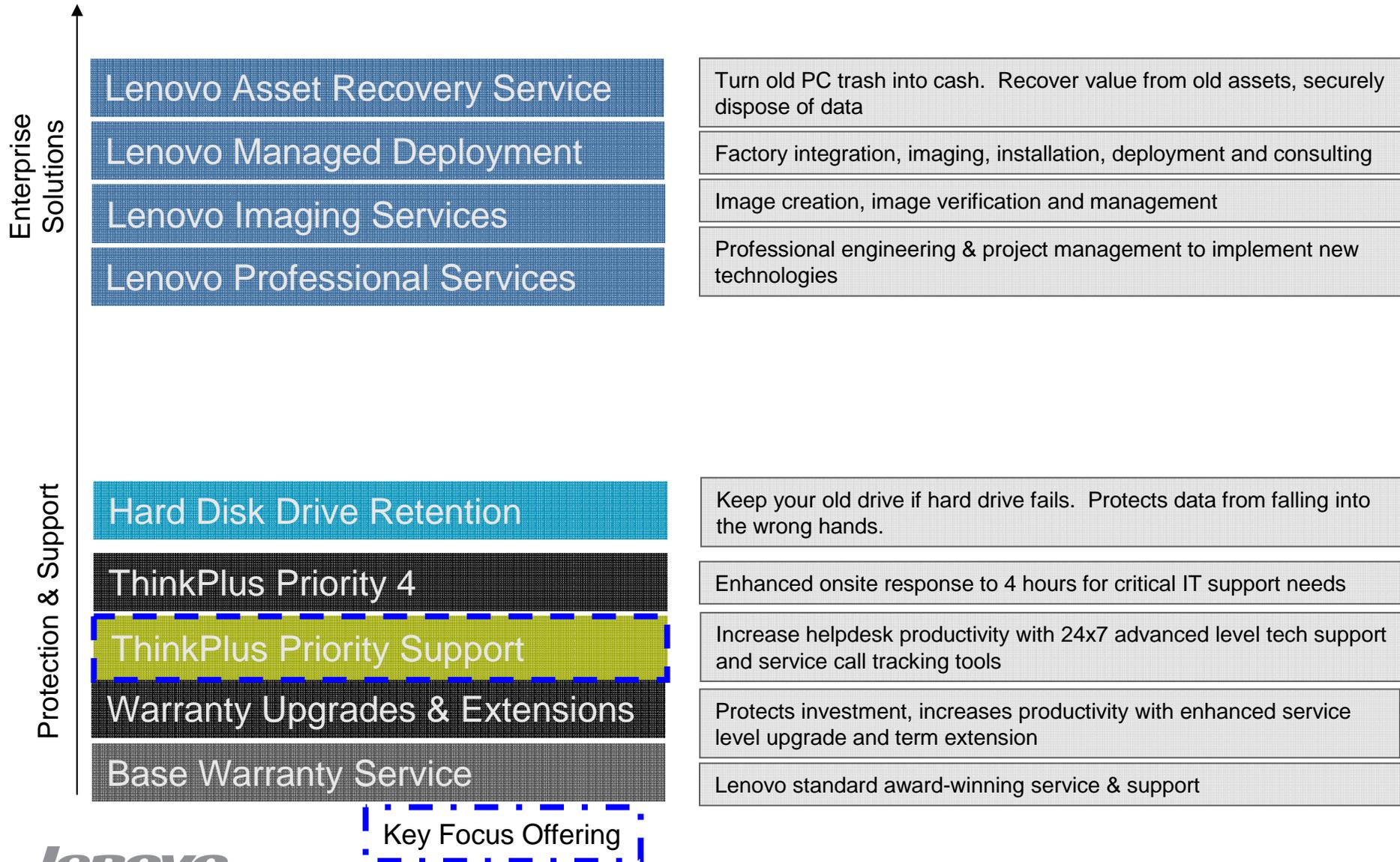


(1) Low halogen monitors will be shipped to selected countries.

(2) Compared with conventional LCD monitors with same size and resolution



# ThinkCentre M90 Services Offerings



**thank you** grazie **merci** danke **grazias** 謝謝 СПАСИБО  
gracias **obrigado** ありがとう **dank** takk **bedankt** dakujem

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