

Lenovo® recommends Windows® 7 Professional.

**lenovo**® FOR  
THOSE  
WHO DO.

**THE LENOVO® THINKCENTRE® EDGE 91  
OPTIMIZED FOR MAINSTREAM PERFORMANCE**



Lenovo® introduces the ThinkCentre® Edge 91, a combination of productivity and performance optimized for small and medium businesses. The powerful Edge 91 inspires confidence, has iconic ThinkCentre and Edge features, and is inimitable in reliability and security.

The Edge 91 inspires confidence to deliver enterprise-level performance to small and medium businesses. The ThinkCentre Edge 91 supports up to 2nd generation Intel® Core™ i7 Quad Core processors and up to 16GB of DDR3 RAM. Superior graphics adds on to this processing horsepower, with Intel® HD Graphics or options for ATI Radeon™ or NVIDIA® Discrete Graphics. Above even these features, the Edge 91 supports a vast array of connection options, including eSATA, USB 2.0, DP, PCI and LPT.

Security and manageability are at the forefront of ThinkCentre design. The Edge 91 offers individual enable or disable for USB ports. The BIOS and HDD can be password protected to boost data security and prevent unauthorized access to the PC. Finally, in the event of a system failure, Express Recovery gets you back to business in a flash.

Rigorous validation tests done in world-class laboratories ensure that the Edge 91 is unvaryingly reliable and stable. Added to this is the low noise levels – the Edge 91 operates at 22db only.

With more performance, security, manageability, reliability and productivity than before, small and medium business can enjoy the power of an enterprise PC at a remarkable starting price of USD 499 only.



**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](http://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.



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### PRODUCTIVITY AND PERFORMANCE

The ThinkCentre® Edge 91 is engineered to deliver lightning-fast performance to boost productivity with:

- Up to Intel Core i7 Quad Core™ CPUs
- Support for up to 16GB DDR3 RAM
- Support for Discrete Graphics and up to four displays
- Minimal waiting and downtime – 14 second boot with SSD

### SECURITY AND MANAGEABILITY

The ThinkCentre Edge 91 takes the security and simplicity of data management seriously, offering:

- Individual USB Port enable or disable
- Passwords for the BIOS and Hard Disk Drives – increasing data security and limiting unauthorized access to the PC
- 15 minute Express Recovery to get you back to work faster in the case of any system failure
- Upgrade options to enable online service

### RELIABLE AND FRIENDLY

The ThinkCentre Edge 91 is more than just a powerhouse PC. It is also designed to offer you stability and a smooth user experience when deployed in a working environment with:

- Rigorous validation tests for ruggedness – guaranteeing reliability and rock-solid stability
- Very low noise levels – acoustics as low as 22db



## SERVICE OFFERINGS

### THINKPLUS® SUPPORT

#### • Warranty Service and Support

- » All ThinkCentre customers receive Lenovo's award winning Warranty Service and Support.
- » You can upgrade your existing base warranty on your mobile and desktop systems, expand the term of your coverage and/or improve response time and level of service.
- » This means you get coverage and features that you value most, with a fixed-term, fixed-cost service solution that fits your budget and allows you to accurately predict equipment expenses over the term of your coverage.

#### • ThinkPlus Support

- » ThinkPlus Support provides a single source solution that can be incorporated into the program, your Business Partner provides.
- » The flexible portfolio of offerings is designed specifically for small and medium size businesses and gives you and your staff the peace of mind to focus on your business.

#### • ThinkPlus Priority Support

- » Small business operations require priority attention to support needs and need fast, expert product support to keep you up and running.
- » Lenovo's ThinkPlus Priority Support is an integrated product support solution that gives you and your staff direct access to the right level of technical support on the first call, making your priority our priority.
- » By-pass basic troubleshooting and experience shorter hold times; reduced repair times and higher first time fix rates so that you and your staff can concentrate on mission-critical business activities.

### THINKPLUS PROTECTION

#### • Lenovo Protection Services

- » Lenovo Protection Services for ThinkCentre protects you and your business against hard drive failure.

#### • Lenovo Hard Disk Drive Retention

- » Lenovo Hard Disk Drive Retention allows you to retain your hard drive if it should happen to fail, instead of returning the damaged part to Lenovo, protecting valuable files and confidential information from falling into the wrong hands.
- » To learn more about these and other available Lenovo Services, visit [www.lenovo.com/services](http://www.lenovo.com/services)

THE LENOVO® THINKCENTRE® EDGE 91

## SOFTWARE OFFERINGS

### SUPPORTED OPERATING SYSTEMS

- Windows® 7 Professional 32bit – Preload
- Windows® 7 Professional 64bit – Preload
- Windows® 7 Home Premium 32bit – Preload
- DOS – Support

### PRE-LOADED APPLICATIONS

- Lenovo® Message Center Plus
- Adobe® Acrobat® Reader
- Business in a Box
- Lenovo User Guide and Viewer
- Skype™ 4.2
- Corel® DVD MovieFactory™
- Corel® Burn Now
- Intervideo WinDVD® 10

### SUPPORTED TVT TOOLS

- ThinkVantage® Rescue and Recovery®
- Password Manager
- Product Recovery
- ThinkVantage System Update
- Desktop Power Manager



## OPTIONS AND ACCESSORIES



### Lenovo ThinkVision® L2250p (2572-HB6)

- 22-inch wide display supporting 1680 x 1050 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 (45K1263 – U.S. 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: L2440pw, L2440xw, L2251xw, L2251pw, L2250pw, L215, L2060, L1951p, L1900p and L1711



### Lenovo USB-to-DVI Monitor Adapter: (45K5296)

- Is a simple USB connection
- Offers HD resolution and multiple monitors
- Attaches up to six analog or digital monitors to a single system and each monitor requires a USB-to-DVI Adapter
- Supports 1920x1200 or 2048x1152 resolution
- Includes HD 1080p

[www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)



### PC3-10600 DDR3-1333 UDIMM Memory

- Lowest cost method to boost system performance
- 2GB PC3-10600: 57Y4390
- 4GB PC3-16000: 0A36527

[www.lenovo.com/support/notebookmemorycompatibility](http://www.lenovo.com/support/notebookmemorycompatibility)



### Lenovo Ultralim Plus Wireless Keyboard and Mouse (0A34032)

- Eliminate cables using reliable 2.4GHz wireless keyboard and mouse combination

[www.lenovo.com/support/keyboards](http://www.lenovo.com/support/keyboards)



### 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](http://www.lenovo.com/support/mice)



### 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](http://www.lenovo.com/support/security)



### 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 (270mm) of height adjustment

[www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

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**SPECIFICATIONS**

**PROCESSOR**

Intel® Core™ i7-2600 (3.4GHz, 8MB Cache)  
Intel® Core™ i5-2500 (3.3GHz, 6MB Cache)  
Intel® Core™ i5-2400 (3.1GHz, 6MB Cache)  
Intel® Core™ i3-2120 (3.3GHz, 3MB Cache)  
Intel® Core™ i3-2100 (3.1GHz, 3MB Cache)

**GRAPHICS**

Intel® Integrated HD Graphics (VGA+DP)  
ATI Radeon™ 5450 512MB Discrete Graphics (DVI + DP), 512MB (1GB optional)/  
ATI Radeon™ HD5450 (Cedar) 512MB  
ATI Radeon™ 6450 (Caicos) 1GB Discrete Graphics (DVI + DP) 1GB, DirectX11, 3D Hardware Acceleration  
NVIDIA® NVS™ 300 512MB Discrete Graphics (Tower only)

**DIMENSION H X W X D**

**Tower:**  
396.5mm x 160mm x 400mm  
**SSF:**  
335.5mm x 100.7mm x 382mm

**CHIPSET**

Intel® B65 Express

**DIMM SLOTS**

4 (UDIMM)

**DIMM SPEED SUPPORT**

DDR3 1333MHz

**MEMORY SUPPORTED**

Up to 16GB

**ODD**

DVD-ROM/DVD-RW

**PARALLEL PORT**

(1) Optional (via cable)

**HDD**

Up to 1TB 7200RPM SATA  
160GB SSD

**ETHERNET**

Intel 82579 Gigabit Ethernet (10M/100M/1000M)

**INTEGRATED AUDIO**

HD Audio (ALC662) (default 2 channel, supports 5.1 channel)

**SERIAL PORTS**

**Tower:**  
(1) Standard  
**SSF:**  
(1) Standard

**USB PORTS**

(2) Front  
(6) Rear  
(2) Internal

**VGA AND DVI**

(1) VGA  
(1) DP

**PARALLEL PORT**

(1) Optional (via cable)

**RJ45 PORT**

(1)

**INTERNAL SPEAKER**

Yes (optional)

**BUZZER**

Yes

**KEYBOARD**

Preferred Pro Full Size Keyboard (USB)

**MOUSE**

Optical Wheel Mouse (USB)

**PCI SLOTS**

**Tower:**  
(2) full height  
**SSF:**  
(2) low profile

**PCIe X1 SLOTS**

**Tower:**  
(1) full height  
**SSF:**  
(1) low profile

**PCIe X16 GRAPHICS SLOT**

**Tower:**  
(1) full height  
**SSF:**  
(1) low profile

**DISPLAYS (LCD)**

ThinkVision® L2440x Wide  
ThinkVision L2440p Wide  
ThinkVision L2240p Wide  
ThinkVision L1900p  
ThinkVision L1940p Wide  
ThinkVision L1700p  
ThinkVision L1900  
ThinkVision L1940 Wide (EMEA only)

**POWER SUPPLY**

**Tower:** 280W 70% Efficiency Passive PFC  
**SSF:** 240W 70% Efficiency Active PFC

**eSATA PORT**

(1) Optional (via cable)

\* Transaction CPU Offering for SMB  
1 Emerging Market Only

 [WWW.LENOVO.COM/HK](http://WWW.LENOVO.COM/HK)

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