**lenovo**® FOR THOSE WHO DO.™

# THE LENOVO® THINKCENTRE® M82 DESKTOP

## THE STRONG PERFORMANCE, HIGH SECURITY, AND EASY MANAGEABILITY MACHINE

INDUSTRY BEST PERFORMANCE FROM 3RD GENERATION INTEL® CORE™ PROCESSOR

ENHANCED DATA PROTECTION FROM THINKVANTAGE TOOLS AND TRUSTED PLATFORM MODULE (TPM)

LONG-TERM DESKTOP RELIABILITY AND STABILITY WITH 15-MONTH LIFE CYCLE AND STABLE IMAGE

QUIET, COOL PERFORMANCE AND DURABILITY WITH INTELLIGENT COOLING ENGINE 2.0 (ICE 2)

OPTIMIZED USER EXPERIENCE WITH LENOVO ENHANCED EXPERIENCE 3

HIGHLY ECO-FRIENDLY, ENERGY AND COST SAVING DESIGN WITH GREEN CERTIFICATIONS

The Lenovo ThinkCentre M82 takes productivity and efficiency to the next level. The desktop is available in both tower and small form factor designed specifically for the rigorous demands of large enterprises and the education world.

Equipped with the latest 3rd generation Intel® Core™ processors the ThinkCentre M82 provides all the power you need. This capability enables you to work simultaneously with multiple applications. Lenovo Enhanced Experience 3 and RapidBoot HDD Accelerator provides an optimized user experience with faster Windows® 7 start up and shutdown. The cooler and quieter design with the Intelligent Cooling Engine 2.0 (ICE 2) increases the desktop life cycle.

Save energy and increase environmental sustainability with certifications from EPEAT® Gold, ENERGY STAR 5.2, and UL Environment Gold. Control energy consumption using the Desktop Power Manager with Cisco EnergyWise certification. The ThinkCentre M82 delivers improved productivity, desktop security, and environmental safety.

Windows® 7

lenovo ENHANCED EXPERIENCE 3

## LENOVO ENHANCED EXPERIENCE 3 FOR WINDOWS® 7.
## FASTER AND OPTIMIZED FOR BUSINESS.

**Fast and optimized for multimedia:** Lenovo Enhanced Experience 3 for Windows® 7 uses RapidBoot technology to start your PC 40% faster than a typical Windows® 7 computer*. And BootShield maintains fast boot performance even after installing multiple applications. Plus, you can enjoy richer sound and HD webcams. Find out more at www.lenovo.com/win7ee

*Available on certified models with Intel® Core™ i3, i5 or i7 processors. Claim is calculated by taking the average of Lenovo EE3 notebooks and desktops, and compares it with averaged data from 49 competitor products of similar configuration (Intel® Core™ i3, i5 and i7 PCs only). Testing conducted by CNET Labs, Beijing in December 2011, using the independent VTS tool to measure start-up time and other performance measurements. Performance will vary by model and configuration.

intel inside™ CORE™ i7
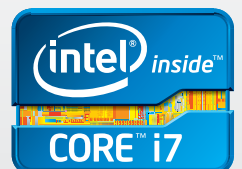
# Lenovo® recommends Windows® 7 Professional.

## INDUSTRY-LEADING TECHNOLOGIES

- Latest 3rd generation Intel® Core™ processors with increased processing and graphics performance
- Optimized performance with Lenovo Enhanced Experience 3 and faster boot up time with RapidBoot HDD Accelerator* helps you start work quickly
- Well-managed thermal and acoustics performance, and longer life cycle with Intelligent Cooling Engine 2.0 (ICE 2)

## DESIGNED FOR STABILITY AND USABILITY

- Intel® Stable Image Platform Program (SIPP) with a 15-months life cycle offers high platform stability
- Superior desktop security with TPM for data encryption
- Faster data transfer and storage capability with USB 3.0 and SATA III HDD
- Ergonomic design with better accessible ports, easy handling and expansion

## ENERGY EFFICIENT AND GREEN

- Compliance with international green standards like EPEAT® Gold and UL Environment Gold certifications
- ENERGY STAR 5.2 for efficient energy management and increased power saving
- Desktop Power Manager with Cisco EnergyWise certification to control power consumption

## LENOVO ENHANCED EXPERIENCE 3 FOR WINDOWS® 7.

**Optimizes data security with robust features like:**
- Self-encrypting drives that protect data on the hard disk drives in case of loss or theft
- Hardware Password Manager for central security management of self-encrypting drives
- BIOS Port Lock[1] to disable all input and output ports remotely without any additional hardware

**Provides superior web conferencing[2] with:**
- Keystroke noise suppression[3] and high-quality webcam[4]

## LENOVO SERVICE

Lenovo offers a comprehensive portfolio of award-winning services to support and protect your ThinkCentre® investment. Succeed with substance, and let Lenovo's Service support you all the way.

### Priority Technical Support*
Makes your priority, our priority. 24x7 priority call routing to advanced-level technicians, electronic incident tracking, and escalation management services.

### Warranty Extensions (1 to 5 Years Total Duration)
This fixed-term, fixed-cost service helps accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

### Keep Your Drive
Retain your drive if it should happen to fail, giving you the peace of mind to know that your valuable data is secure.

### Asset Tagging
Systems can come equipped with a professional, flexible asset tag based on your exact specifications. PCs are easily identifiable and trackable right out of the box.

### Tech Install of Customer Replaceable Units
Some replacement parts are designated as Self-Service Customer Replaceable Units (CRUs) but with Technician Installed CRU Service, Lenovo's onsite service includes installation of all needed CRUs.

### Imaging
We provide a customized image based on the needs of your organization, maximizing your hardware investment and saving significantly over the life of your systems.

### Asset Recovery Service
Helps you mitigate the environmental and data security risks associated with end-of-life asset disposal with secure, documented disposition of IT assets and data.

---

\* Not available in all regions

1 Exact ports and features which can be locked vary for ThinkCentre products
2 Require ThinkVision LT2323z monitors for Superior Web Conferencing
3 Available on select ThinkCentre models
4 Some supporting features not available on ThinkCentre products
\* Compared to machines without Lenovo Enhanced Experience 3
\*\* Not available in all regions

## RECOMMENDED SERVICES

**Lenovo Services.**

| | |
|---|---|
| 3YR ONSITE WARRANTY: | |
| 3YR TECH INSTALL CRU** | PART NUMBER: 04W9655 |
| 3YR PRIORITY SUPPORT** | PART NUMBER: 45J9088 |
| 4YR PRIORITY SUPPORT**/*** | PART NUMBER: 55Y3612 |
| 4YR ONSITE** | PART NUMBER: 41C9194 |
| 4YR ONSITE + 4YR KYD** | PART NUMBER: 43R8831 |
| 4YR ONSITE + 4YR TECH INSTALL CRU** | PART NUMBER: 04W9654 |

\*\* Total duration
\*\*\* 4yr Onsite required

intel inside™
CORE™ i7

# THE LENOVO® THINKCENTRE® M82 DESKTOP

**lenovo**® FOR THOSE WHO DO.™
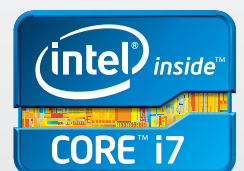
# SOFTWARE OFFERINGS

## SUPPORTED OPERATING SYSTEMS

- Genuine Windows® 7 Home Basic 32 bit[5]
  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
- Genuine Windows® 7 Professional with
  Genuine Windows® XP Professional[6]
  (downgrade preinstalled, US only)

## PRE-LOADED APPLICATIONS

- Microsoft® Office 2010 Preloaded[7]
- Adobe® Acrobat® Reader®
- Skype™
- Corel® Burn SE Lenovo Edition
- Corel® DVD Movie Factory® 7 Lenovo Edition
- InterVideo WinDVD
- Norton Internet Security 2012 with 30-days
  of virus definitions
- Microsoft® Live

## SUPPORTED TVT TOOLS

- Product Recovery
- Password Manager
- Power Manager
- Rescue and Recovery®
- Client Security Solution
  (web delivery only)
- Lenovo® Solution Center
- System Update (up to 3 years)
- Lenovo® ThinkVantage® Toolbox
- Communication Utility
- View Management Utility

5 Available in emerging markets only
6 Available only in US
7 Purchase a product key to activate a full Microsoft® Office 2010 suite

# OPTIONS AND ACCESSORIES

**ThinkVision LT2323p Monitor (3024-HC1)**
- 23-inch WLED monitor supporting 1920x1080 resolution
- DisplayPort, DVI, VGA monitor ports
- Four USB 2.0 ports

www.lenovo.com/thinkvision

Note: For DisplayPort attachment, requires the Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537)

**Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537)**
- Attach a DisplayPort monitor to system's or graphics card DisplayPort monitor port.

www.lenovo.com/support/monitoraccessories

**Lenovo AMD 7450 1GB DisplayPort, DVI Graphics Card (0A36538)**
- View more data with additional monitors
- Boost graphics performance

www.lenovo.com/support/graphiccards

**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

www.lenovo.com/support/monitoraccessories

**ThinkVision LT2252p Monitor (2572-MB6)**
- 22-inch monitor supporting 1680 x 1050 resolution
- DisplayPort, DVI, VGA monitor ports

www.lenovo.com/thinkvision

Note: For DisplayPort attachment, requires the Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537)

**Lenovo DisplayPort to DVI Monitor Cable (45J7915)**
**Lenovo DisplayPort to VGA Monitor Cable (57Y4393)**
- Attach a DVI digital monitor, or VGA analog monitor to system's or graphics card DisplayPort monitor port

www.lenovo.com/support/monitoraccessories

**Lenovo Ultraslim Plus Wireless Keyboard and Mouse (0A34032)**
- Eliminate cables
- Contemporary, low profile design

www.lenovo.com/support/keyboards

**Lenovo USB Soundbar (0A36190)**
- Add stereo audio sound
- Powered by USB port eliminates the external AC power adapter

www.lenovo.com/support/audio

# THE LENOVO® THINKCENTRE® M82 DESKTOP

**lenovo**® FOR THOSE WHO DO.™

# SPECIFICATIONS

### OPERATING SYSTEM

Genuine Windows® 7 Home Basic 32 bit[5]
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
Genuine Windows® 7 Professional with
Windows® XP Professional[6] (downgrade
preinstalled)

### PROCESSOR

3$^{rd}$ generation Intel® Core™ i7
-3770/3770S
3$^{rd}$ generation Intel® Core™ i5
-3570/3570S/3550/3550S/3470/3470S
2$^{nd}$ generation Intel® Core™ i3
-2120/2130
2$^{nd}$ generation Intel® Pentium®
-G630/G850/G860
2$^{nd}$ generation Intel® Celeron®
-G460/G530/G540

### GRAPHICS

Intel® HD Graphics
AMD Radeon™ HD7450[9]
AMD Radeon™ HD7350[9]
NVIDIA® NVS300(DMS59)[9]

### STORAGE

HDD:
OPAL SSC HDD 250G[11]
250GB/320GB/500GB/1TB (7200 RPM)
SSD: 128GB

### I/O (INPUT/OUTPUT) PORTS

Front: (2) USB 2.0, (1) Microphone
(1) Headphone
Rear: (4) USB 3.0, (2) USB 2.0,
(1) VGA, support stand-alone monitor mode
(1) Display Port, support multi-display

### OPTICAL DRIVE

MINI TOWER: DVD-ROM/DVD Recordable
SMALL FORM FACTOR: DVD-ROM/DVD
Recordable/Slim DVD-ROM/Slim DVD
Recordable

### SECURITY

Trusted Platform Module (TPM 1.2)
Kensington Lock/Cable Lock/Intrusion
Switch/Padlock[12]

### WIRELESS CONNECTION

IEEE 802.11a (5GHz), 802.11b/g/n
(2.4GHz)/Antenna 2Tx2R/PCIe half-mini card
with vPro[11]
IEEE 802.11b/g/n (2.4GHz)/Antenna 2Tx2R/
PCIe half-mini card with BT
IEEE 802.11b/g/n (2.4GHz)/Antenna 1Tx1R/
PCIe half-mini card

### POWER SUPPLY

MINI TOWER:
450W 92% Efficiency Active PFC[11]
280W 85% Efficiency Active PFC
280W Std. Active PFC
SMALL FORM FACTOR:
240W 92% Efficiency Active PFC[11]
240W 85% Efficiency Active PFC
240W Std. Active PFC

### DIMENSION (W X D X H)

MINI TOWER:
175mm x 431mm x 423mm
(6.9" x 17" x 16.7")
SMALL FORM FACTOR:
339mm x 381mm x 100mm
(13.3" x 15" x 3.9")

### WEIGHT

MINI TOWER: 11kg (24.25lbs)
SMALL FORM FACTOR: 7.5 (16.53lbs)

---

9  Optional
10 Speed varied by processor
11 Special bid only
12 Available only on tower

🌐 **WWW.LENOVO.COM**

**intel** inside™ **CORE**™ i7

# THE LENOVO® THINKCENTRE® M82 DESKTOP