ThinkCentre M82 Small and Tower

Lenovo ThinkCentre M82 Small and Tower

Lenovo ThinkCentre M82 Tower with Lenovo ThinkVision Monitor

Lenovo ThinkCentre M82 Small with Lenovo ThinkVision Monitor

Lenovo ThinkCentre M82 Tower

Lenovo ThinkCentre M82 Tower
# ThinkCentre M82 Small (2932) - ENERGY STAR 5.2

## Product Specifications Reference (PSREF)

### General Information
- **Type-model**: 2932-A2G
- **Dimensions**: 338mm W X 385mm D X 100mm H
- **Weight**: 16.5 lb (7.5 kg) in maximum configuration
- **Color**: Business black color; metal case
- **Warranty**: 1-year limited warranty

### Processor
- **Model**: Intel® Pentium® G850 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache)
- **Architecture**: 32-bit PCI 2.3

### Memory
- **Type**: UDIMM
- **Capacity**: 32GB max.
- **Speed**: 1600MHz

### Graphics
- **Type**: Intel HD Graphics
- **Maximum resolution**: 2560x1600 (DisplayPort, VGA)

### Chipset
- **Model**: Intel Q75 Express Chipset

### Optical Drive
- **Model**: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive

### System Board
- **Type**: Intel® Pentium® G850 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache)
- **Architecture**: 32-bit PCI 2.3

### Security
- **Features**: Security chip (see information on left), Security slot (in rear for attachment of optional Kensington® MicroSaver® cable), Cable lock, Power-on password, Administrator password, Hard disk password, Boot sequence control, Boot without keyboard and mouse, Individual USB port disablement, Chassis intrusion switch on selected model(s)

### Limited Warranty
- **1-year, customer-carry-in service / service upgrades available**
- **Supports**: ThinkVantage Technologies

See footnotes for important warranty information

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ThinkCentre M82 Small (2756) - ENERGY STAR 5.2

Product Specifications Reference (PSREF)

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<th>Slot x bay</th>
<th>Processor</th>
<th>Memory*</th>
<th>SATA disk GB</th>
<th>SATA optical</th>
<th>Media reader</th>
<th>Graphics</th>
<th>Display-Port dongle</th>
<th>Chassis Intr switch</th>
<th>Floor stand</th>
<th>ENERGY STAR 5.2 Global</th>
<th>Win7 preload</th>
<th>Ann date (mm/dd/yy)</th>
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<tbody>
<tr>
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</table>

- 3-year limited warranty

Positioning
Mainstream enterprise stability and manageability

Processor
Intel® Pentium® G850 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache),
integrated Intel HD Graphics,
integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology
Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache),
integrated Intel HD Graphics 2000,
integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology
Intel Core i3-2130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache),
integrated Intel HD Graphics 2000,
integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology
Processor in LGA1155 socket

Memory
32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets

Graphics
Intel HD Graphics or Intel HD Graphics 2000 in processor, uses main memory, HDCP,
DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display;
Maximum resolution: 2560x1600 (DisplayPort, VGA) @ 60Hz

Disk
SATA 6.0Gb/s 7200 rpm

Optical
Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive

SATA controller
Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset

Onboard SATA
Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector,
two SATA 3.0Gb/s connectors, and one eSATA connector

eSATA port
None

Media reader
None

Chipset
Intel® Q75 Express Chipset

Front ports
Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

Rear ports
Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort

Audio
High Definition (HD) Audio, Realtek® ALC662 codec

Speaker
Internal speaker for business audio

IEEE 1394
None

Ethernet
One gigabit ethernet port, Intel 82579, Wake on LAN®

Manageability
Intel® Standard Manageability

Modem
None

Security chip
Trusted Platform Module (TPM 1.2-compliant)

Keyboard Morse
Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo

Mouse
Enhanced Optical USB Mouse, black, Lenovo logo

Floor Stand
Some: System floor stand for vertical orientation

Power supply
240 watts, autosensing, 85% PSU

Machine
- Business black color; metal case
- 13.9” W X 15.2” D X 3.9” H
- 338mm W X 385mm D X 100mm H
- 16.5 lb (7.5 kg) in maximum configuration
- Toolless cover flips up and tilts backward on rear hinges
- Toolless disk and optical drive removal
- Toolless adapter retention

Bay
Bay 1: 5.25”, 1.6” high, access, std optical
Bay 2: 3.5”, 1” high, no access, std disk
Bay 3: 3.5”, 5” high, access, opt reader

Slot
Slot 1: Low Profile PCI Express 2.0 x16 (45w max)
Slot 2: Low Profile, PCle 2.0 x1
Slot 3: Low Profile, 32-bit PCI 2.3
Slot 4: Low Profile, 32-bit PCI 2.3

Limited Warranty
3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available

See footnotes for important warranty information

WE models announced June 5 or June 26, 2012
WE models withdrawn effective May 2014

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ThinkCentre M82 Small (2756) - ENERGY STAR 5.2 - II

Product Specifications Reference (PSREF)

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<th>Memory</th>
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<th>Graphics</th>
<th>Display-Port dongle</th>
<th>Chassis Intr switch</th>
<th>Floor stand</th>
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<th>Win7 preload</th>
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<td>Stand</td>
<td>ES52</td>
<td>None</td>
<td>Pro 64</td>
<td>09/11/12</td>
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</table>

- 3-year limited warranty

Preloaded operating system
Genuine Windows® 7 Professional 64

Ready to install applications (only some listed)
- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)
- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Communication Utility
- ThinkVantage Power Manager
- View Management Utility
- Lenovo AppShop
- Lenovo Solution Center
- Lenovo Message Center Plus
- Lenovo SimpleTap
- Norton™ Internet Security (30 days of virus definitions)
- Adobe® Reader®
- Skype™ for Windows
- Windows Live™ Essentials
- Microsoft® Office preloaded; purchase a product key to activate
- Corel® Burn!Now™ (DVD±RW)
- Corel DVD MovieFactory™ (DVD±RW)

Security
- Security chip (see information on left)
- Security slot (in rear for attachment of optional Kensington MicroSaver cable)
- Cable lock
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch on selected model(s)

EPEAT® Gold rating
ENERGY STAR® 5.2-compliant
ULE Gold
GREENGUARD® certified
RoHS-compliant

Supports ThinkVantage Technologies

See footnotes for important warranty information
WE model announced September 11, 2012
WE models withdrawn effective May 2014

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(G-MDTN1-8) May 2014
ThinkCentre M82 Small (2756) - ES 5.2 (Win 8)

Product Specifications Reference (PSREF)

**Preloaded operating system**

Some: Windows® 7 Professional 64 bit preinstalled through downgrade rights in Windows 8 Pro 64-bit

Some: Windows 8 Pro 64-bit

**Preloaded applications (only some listed)**

- Windows 7 models
  - ThinkVantage® Product Recovery
  - ThinkVantage Communication Utility
  - ThinkVantage Power Manager
  - Lenovo® AppShop
  - Lenovo Message Center Plus
  - Lenovo SimpleTap
  - Adobe® Reader®
  - Microsoft® Live™ Essentials
  - Corel® Burn.Now™ (DVD±RW)
  - Corel DVD MovieFactory® (DVD±RW)

- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
  - Norton™ Studio
  - AccuWeather
  - Evernote®
  - Cyberlink Power2Go® (DVD±RW)
  - Cyberlink PowerProducer® (DVD±RW)

- All models
  - ThinkVantage System Update
  - Lenovo Solution Center
  - View Management Utility
  - Norton Internet Security
  - (30 days of virus definitions)
  - Microsoft Office preloaded; purchase a product key to activate
  - Skype®

**Limited Warranty**

3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available

**Machine**

- Business black color; metal case
- 13.3" W X 15.2" D X 3.9" H
- 338mm W X 385mm D X 100mm H
- 16.5 lb (7.5 kg) in maximum configuration
- Toolless cover flips up and tilts backward on rear hinges
- Toolless disk and optical drive removal
- Toolless adapter retention

**Bay**

- Bay: 5.25", 16" high, access, std optical
- Bay: 3.5", 1st high, no access, std disk
- Bay: 3.5", 5" high, access, opt reader

**Slot**

- Slot: Low Profile, PCI Express 2.0 x16 (45w max)
- Slot: Low Profile, PCIe 2.0 x1
- Slot: Low Profile, 32-bit PCI 2.3
- Slot: Low Profile, 32-bit PCI 2.3

**Security**

- Security chip (see information on left)
- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)
- Cable lock
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch on selected model(s)

**ENERGY STAR® 5.2**

**RoHS-compliant**

**Lenovo**

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See footnotes for important warranty information

WE models announced October 23, 2012, March 5, 2013, or May 28, 2013

WE models withdrawn effective May 2014

(G-MDTN1-9) May 2014
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<th>SATA rpm</th>
<th>SATA optical</th>
<th>Media reader</th>
<th>Graphics</th>
<th>Display-Port</th>
<th>Chassis</th>
<th>Floor stand</th>
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- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

- Preloaded operating system
  - Genuine Windows® 7 Professional 64
- Ready to install applications (only some listed)
  - Rescue and Recovery™
  - Password Manager
- Preloaded applications (only some listed)
  - ThinkVantage® Product Recovery
  - ThinkVantage System Update
  - ThinkVantage Communication Utility
  - ThinkVantage Power Manager
  - View Management Utility
  - Lenovo AppShop
  - Lenovo Solution Center
  - Lenovo Message Center Plus
  - Lenovo SimpleTap
  - Norton™ Internet Security
    - (30 days of virus definitions)
  - Adobe® Reader®
  - Skype™ for Windows
  - Windows Live™ Essentials
  - Microsoft® Office preloaded; purchase a product key to activate
  - Corel® Burn.Now™ (DVD±RW)
  - Corel DVD MovieFactory® (DVD±RW)

See footnotes for important warranty information
WE models announced June 5, June 19, or August 14, 2012
WE models withdrawn effective May 2014
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(G-MDTN1-1) May 2014

ENERGY STAR® 5.2-compliant
ULE Gold
GREENGUARD® certified
RoHS-compliant

Supports ThinkVantage Technologies
ThinkCentre M82 Small (2929) - ES 5.2 (GMP) - Win 8

Product Specifications Reference (PSREF)

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<th>SATA optical</th>
<th>Media reader</th>
<th>Graphics</th>
<th>Display Port</th>
<th>Chassis intr switch</th>
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<th>ENERGY STAR 5.2</th>
<th>GMP (P)</th>
<th>Preload</th>
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<td>Win7 Pro64</td>
<td>10/23/12</td>
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● Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning: Mainstream enterprise stability and manageability
Processor: Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology

Preloaded operating system: Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit

Preloaded applications (only some listed)
- Windows 7 models
  ● ThinkVantage® Product Recovery
  ● ThinkVantage Communication Utility
  ● ThinkVantage Power Manager
  ● Lenovo® AppShop
  ● Lenovo Message Center Plus
  ● Lenovo SimpleTap
  ● Acrobat® Reader®
  ● Windows Live™ Essentials
  ● Corel® Burn.Now™ (DVD±RW)
  ● Corel DVD MovieFactory™ (DVD±RW)

Preloaded operating system: Some: Windows 8 Pro 64-bit

Preloaded applications (only some listed)
- Windows 8 models
  ● Lenovo Support
  ● Lenovo Companion
  ● Lenovo Cloud Storage
  ● Norton™ Studio
  ● AccuWeather
  ● Evernote®
  ● Cyberlink Power2Go® (DVD±RW)
  ● Cyberlink PowerProducer® (DVD±RW)

Security
● Security chip (see information on left)
● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)
● Cable lock
● Power-on password
● Administrator password
● Hard disk password
● Boot sequence control
● Boot without keyboard and mouse
● Individual USB port disabling
● Chassis intrusion switch on selected model(s)

EPEAT® Gold rating
ENERGY STAR® 5.2-compliant
ULE Gold
GREENGUARD® certified
RoHS-compliant

Limited Warranty: 3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available

See footnotes for important warranty information
WE models announced October 23, 2012
WE models withdrawn effective May 2014

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(G-MDTN1-11) May 2014
### ThinkCentre M82 Tower (2750) - ENERGY STAR 5.2

#### Product Specifications Reference (PSREF)

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<th>2nd Disk</th>
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<th>Graphics</th>
<th>Display-Port dongle</th>
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<td>06/05/12</td>
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</table>

- **1-year limited warranty**

#### Positioning

- **Mainstream enterprise stability and manageability**

#### Processor

- **Intel® Pentium® G850 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache)**, integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology
- **Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache)**, integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology

#### Implementation

- Processor in LGA1155 socket

#### Graphics

- **Intel HD Graphics** or **Intel HD Graphics 2000** in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display, Maximum resolution: 2560x1600 (DisplayPort, VGA)@60Hz

#### Memory

- 32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets

#### Disk

- **SATA 6.0Gb/s 7200 rpm**

#### Optical

- **Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive**

#### SATA controller

- Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset

#### Onboard SATA

- Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector, two SATA 3.0Gb/s connectors, and one eSATA connector

#### eSATA port

- None

#### Media reader

- None

#### Chipset

- **Intel Q75 Express Chipset**

#### Front ports

- Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

#### Rear ports

- Four USB 3.0, two USB 2.0, 9-pin, ethernet (RJ-45), VGA DB-15, DisplayPort

#### Rear audio ports

- Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)

#### Internal connector

- Two USB 2.0 planar conn (1 used; one open for media reader or 2 rear USB ports), one internal DisplayPort connector

#### Audio

- High Definition (HD) Audio, Realtek® ALC662 codec

#### Speaker

- Internal speaker for business audio

#### IEEE 1394

- None

#### Ethernet

- One gigabit ethernet port, Intel 82579, Wake on LAN®

#### Manageability

- Intel Standard Manageability

#### Modern

- None

#### Security chip

- Trusted Platform Module (TPM 1.2-compliant)

#### Keyboard

- Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo

#### Mouse

- Enhanced Optical USB Mouse, black, Lenovo logo

#### Power supply

- 280 watts, autosensing, 85% PSU

#### Machine

- Business black color; metal case
- 6.9" W x 17.4" D x 16.3" H
- 175mm W x 442mm D x 414mm H
- 24.2 lb (11.0 kg) in maximum configuration
- Toolless cover removal, toolless adapter retention
- Toolless disk, optical drive removal
- **Bay**
  - Bay 1: 5.25", 1.6" high, access, std optical
  - Bay 2: 5.25", 1.6" high, access, open
  - Bay 3: 3.5", 1" high, access, opt reader
  - Bay 4: 3.5", 1" high, no access, std disk
  - Bay 5: 3.5", 1" high, no access, opt disk
- **Slot**
  - Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max)
  - Slot 2: half-length, full-height, PCIe 2.0 x1
  - Slot 3: half-length, full-height, 32-bit PCI 2.3
  - Slot 4: half-length, full-height, 32-bit PCI 2.3

#### Preloaded operating system

- Genuine Windows® 7 Professional 64

#### Ready to install applications (only some listed)

- Rescue and Recovery™
- Password Manager

#### Preloaded applications (only some listed)

- ThinkVantage® Product Recovery
- ThinkVantage® System Update
- ThinkVantage® Communication Utility
- ThinkVantage Power Manager
- View Management Utility
- Lenovo AppShop
- Lenovo Solution Center
- Lenovo Message Center Plus
- Lenovo SimpleTap
- Norton™ Internet Security (30 days of virus definitions)
- Adobe® Reader®
- Skype™ for Windows
- Windows Live™ Essentials
- Microsoft® Office preloaded; purchase a product key to activate
- Corel® Burn.Now™ (DVD±RW)
- Corel DVD MovieFactory® (DVD±RW)

#### Security

- Security chip (see information on left)
- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for opt padlock)
  - Security slot (in rear for optional Kensington® MicroSaver® cable)
- Cable lock
- Power-on password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Serial port I/O control
- Individual USB port disablement
- **Chassis intrusion switch on selected model(s)**

#### Limited Warranty

- **1-year customer carry-in service / service upgrades available**

See footnotes for important warranty information

WE models announced June 5, 2012
WE models withdrawn effective May 2014

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(G-MDTN1-5) May 2014
## ThinkCentre M82 Tower (2697) - ENERGY STAR 5.2

### Product Specifications Reference (PSREF)

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<th>Processor</th>
<th>Memory</th>
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<th>Media reader</th>
<th>Graphics</th>
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<td>Pro 64</td>
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</table>

### Processor
- **Mainstream enterprise stability and manageability**
- **Intel® Pentium® G850 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache)**
- integrated Intel HD Graphics
- integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology
- **Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache)**
- integrated Intel HD Graphics 2000
- integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology
- **Intel Core i3-2130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache)**
- integrated Intel HD Graphics 2000
- integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology
- Processor in LGA1155 socket

### Graphics
- **Intel HD Graphics or Intel HD Graphics 2000** in processor, uses main memory, HDCP
- DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display;
- **Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz**

### Memory
- 32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets

### Disk
- SATA 6.0Gb/s 7200 rpm

### Optical
- Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive

### SATA controller
- Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset

### Onboard SATA
- Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector,
- two SATA 3.0Gb/s connectors, and one eSATA connector

### eSATA port
- None

### Media reader
- None

### Chipset
- **Intel Q75 Express Chipset**

### Front ports
- Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

### Rear ports
- Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort

### Rear audio ports
- Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)

### Internal connector
- Two USB 2.0 planar conn (1 used; one for open media reader or 2 rear USB ports),
- one internal DisplayPort connector

### Audio
- High Definition (HD) Audio, Realtek® ALC662 codec

### Speaker
- Internal speaker for business audio

### IEEE 1394
- None

### Ethernet
- One gigabit ethernet port, Intel 82579, Wake on LAN®

### Manageability
- Intel Standard Manageability

### Modem
- None

### Security chip
- Trusted Platform Module (TPM 1.2-compliant)

### Keyboard/Mouse
- Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo
- Enhanced Optical USB Mouse, black, Lenovo logo

### Power supply
- 280 watts, autosensing, 85% PSU

### Machine
- Business black color; metal case
- 6.9" W X 17.4" D X 16.3" H
- 175mm W X 442mm D X 414mm H
- 24.2 lb (11.0 kg) in maximum configuration
- Toolless cover removal, toolless adapter retention
- Toolless disk, optical drive removal

### Bay
- Bay 1: 5.25", 1.6" high, access, std optical
- Bay 2: 5.25", 1.6" high, access, open
- Bay 3: 3.5", 1" high, access, opt reader
- Bay 4: 3.5", 1" high, no access, std disk
- Bay 5: 3.5", 1" high, no access, opt disk

### Slot
- Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max)
- Slot 2: half-length, full-height, PCI Express 2.0 x1
- Slot 3: half-length, full-height, 32-bit PCI 2.3
- Slot 4: half-length, full-height, 32-bit PCI 2.3

### Limited Warranty
- 3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available

---

See footnotes for important warranty information

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WE models announced June 5 or June 26, 2012

WE models withdrawn effective May 2014

(G-MDTN1-6) May 2014
ThinkCentre M82 Tower (2697) - ENERGY STAR 5.2 - II

Product Specifications Reference (PSREF)

Keyboard Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo

Security

- Security chip (see information on left)
- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for opt padlock)
  - Security slot (in rear for optional Kensington® MicroSaver® cable)
- Cable lock
- Power-on password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Serial port I/O control
- Individual USB port disablement
- Chassis intrusion switch on selected model(s)

Limited Warranty

3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available

3-year limited warranty

Preloaded operating system

Genuine Windows® 7 Professional 64

Ready to install applications (only some listed)

- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)

- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Communication Utility
- ThinkVantage Power Manager
- View Management Utility
- Lenovo AppShop
- Lenovo Solution Center
- Lenovo Message Center Plus
- Lenovo SimpleTap
- Norton™ Internet Security
- (30 days of virus definitions)
- Adobe® Reader®
- Skype™ for Windows
- Windows Live™ Essentials
- Microsoft® Office preloaded; purchase a product key to activate
- Corel® Burn,Now™ (DVD±RW)
- Corel® DVD MovieFactory™ (DVD±RW)

See footnotes for important warranty information

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(G-MDTN1-7) May 2014

WE models announced July 10 or September 11, 2012

WE models withdrawn effective May 2014
### ThinkCentre M82 Tower (2697) - ES 5.2 (Win 8)

#### Product Specifications Reference (PSREF)

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#### ThinkCentre M82 Tower (2697) - ES 5.2 (Win 8)

- 3-year limited warranty
### ThinkCentre M82 Tower (2742) - ES 5.2 (GMP)

**Type-model**: Processor Memory  
2742-D1G 4x5 i5-3570 4GBx1 1600MHz 500G 7200 Bay DVD±RW None HD 2500 None None ES52 G P Pro 64 08/14/12  
2742-B1G 4x5 i5-3470 4GBx1 1600MHz 500G 7200 Bay DVD±RW None HD 2500 None None ES52 G P Pro 64 06/19/12  
2742-A1G 4x5 i5-3550 4GBx1 1600MHz 500G 7200 Bay DVD±RW None HD 2500 None None ES52 G P Pro 64 06/05/12  

- **Positioning**: Mainstream enterprise stability and manageability  
- **Processor**:  
  - **Intel Core® i5-3470 Processor (4 cores / 4 threads)**, 3.4GHz, 6M cache, Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology  
  - **Intel Core i5-3570 Processor (4 cores / 4 threads)**, 3.4GHz, 6M cache, Turbo Boost 2.0 (3.8GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology  
  - **Intel Core i5-3550 Processor (4 cores / 4 threads)**, 3.3GHz, 6M cache, Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology  

- **Memory**: 32GB max, UDIMM, PC3-12800 1600MHz DDR3. four 240-pin DIMM sockets  

- **Graphics**: Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz

- **Disk**: SATA 6.0Gb/s 7200 rpm

- **Optical**: Super Multi-Burner DL DVD+RW SATA 1.5Gb/s Drive

- **SATA controller**: Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset

- **Onboard SATA**: Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector, two SATA 3.0Gb/s connectors, and one eSATA connector

- **eSATA port**: None

- **Media reader**: None

- **Chipset**: Intel Q75 Express Chipset

- **Preloaded operating system**: Genuine Windows® 7 Professional 64

- **Ready to install applications (only some listed)**:  
  - Rescue and Recovery™  
  - Password Manager

- **Preloaded applications (only some listed)**:  
  - ThinkVantage® Product Recovery  
  - ThinkVantage System Update  
  - ThinkVantage Communication Utility  
  - ThinkVantage Power Manager  
  - View Management Utility  
  - Lenovo AppShop  
  - Lenovo Solution Center  
  - Lenovo Message Center Plus  
  - Lenovo SimpleTap  
  - Norton™ Internet Security (30 days of virus definitions)  
  - Adobe® Reader®  
  - Skype™ for Windows  
  - Windows Live™ Essentials  
  - Microsoft® Office preloaded; purchase a product key to activate  
  - Corel® Burn.Now™ (DVD:RW)  
  - Corel DVD MovieFactory® (DVD:RW)

- **Security**:  
  - Security chip (see information on left)  
  - One lock to secure both cover and entire system to fixed object: -Padlock loop (in rear for opt padlock)  
  - Security slot (in rear for optional Kensington® MicroSaver® cable)  
  - Cable lock  
  - Power-on password  
  - Hard disk password  
  - Boot sequence control  
  - Boot without keyboard and mouse  
  - Serial port I/O control  
  - Individual USB port disablement  
  - Chassis intrusion switch on selected model(s)

- **Limited Warranty**: 3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available

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*Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty*
ThinkCentre M82 Tower (2742) - ES 5.2 (GMP) - Win 8

Product Specifications Reference (PSREF)

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*Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty*

Positioning
Mainstream enterprise stability and manageability

Processor
Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology

Implementation
Processor in LGA1155 socket

Memory
32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets

Graphics
Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz

Speaker
Internal speaker for business audio

Audio
High Definition (HD) Audio, Realtek® ALC662 codec

Keyboard Mouse
Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo Enhanced Optical USB Mouse, black, Lenovo logo

Power supply
280 watts, autosensing, 85% PSU

Machine
Business black color; metal case
6.9" W X 17.4" D X 16.3" H
175mm W X 442mm D X 414mm H
24.2 lb (11.0 kg) in maximum configuration
Touool cover removal, toolless adapter retention
Toolless disk, optical drive removal

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Bay 1: 5.25", 1.6" high, access, std optical
Bay 2: 5.25", 1.6" high, access, open
Bay 3: 3.5", 1" high, access, opt reader
Bay 4: 3.5", 1" high, no access, std disk
Bay 5: 3.5", 1" high, no access, opt disk

Slot
Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max)
Slot 2: half-length, full-height, PCIe 2.0 x1
Slot 3: half-length, full-height, 32-bit PCI 2.3
Slot 4: half-length, full-height, 32-bit PCI 2.3

Preloaded operating system
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Some: Windows 8 Pro 64-bit

Preloaded applications (only some listed)
- Windows 7 models
  - ThinkVantage® Product Recovery
  - ThinkVantage Communication Utility
  - ThinkVantage Power Manager
  - Lenovo® AppShop
  - Lenovo Message Center Plus
  - Lenovo SimpleTap
  - Adobe® Reader®
  - Windows Live™ Essentials
  - Corel® Burn.Now™ (DVD±RW)
  - Corel DVD MovieFactory® (DVD±RW)
- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
  - Norton™ Studio
  - AccuWeather®
  - Evernote®
  - Cyberlink Power2Go (DVD±RW)
  - Cyberlink PowerProducer (DVD±RW)
- All models
  - ThinkVantage System Update
  - Lenovo Solution Center
  - View Management Utility
  - Norton Internet Security
    (30 days of virus definitions)
  - Microsoft® Office preloaded; purchase a product key to activate
  - Skype™

Security
- Security chip (see information on left)
- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for opt padlock)
  - Security slot (in rear for optional Kensington® MicroSaver® cable)
- Cable lock
- Power-on password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Serial port I/O control
- Individual USB port disablement
- Chassis intrusion switch on selected model(s)

Limited Warranty
3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available

See footnotes for important warranty information
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WE models announced October 23, 2012
WE models withdrawn effective May 2014

(G-MDTN1-12) May 2014