ThinkCentre M82 Small and Tower

ThinkCentre®

Lenovo ThinkCentre M82
Small and Tower

Lenovo ThinkCentre M82 Tower
with Lenovo ThinkVision Monitor

Lenovo ThinkCentre M82 Small

Lenovo ThinkCentre M82 Small
with Lenovo ThinkVision Monitor
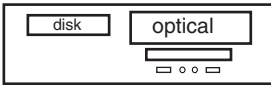
Lenovo ThinkCentre M82 Tower

Lenovo ThinkCentre M82 Tower

Type-model	Slot x bay	Processor	Memory[8]	SATA disk GB rpm	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
2932-A2G	4x3	G850	2GBx1 1600MHz	500G 7200	DVD±RW	None	Intel HD	None	Switch	Stand	ES52	None	Pro 64	06/05/12

● *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
Implementation	Processor in LGA1155 socket
Memory	32GB max, **UDIMM**, **PC3-12800 1600MHz DDR3**, four 240-pin DIMM sockets
Graphics	**Intel HD Graphics** in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; *Maximum resolution:* 2560x1600 (DisplayPort, VGA)@60Hz
DP dongle	None
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 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
Modem	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
Floor Stand	System floor stand for vertical orientation
Power supply	240 watts, autosensing, 85% PSU
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 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, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3

Limited Warranty	**1-year**, **customer carry-in service** / service upgrades available

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 June 5, 2012
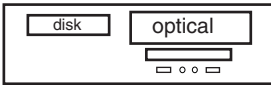WE models withdrawn effective May 2014

©Lenovo
(G-MDTN1-3) May 2014

Type-model	Slot x bay	Processor	Memory[8]	SATA disk GB rpm	SATA optical	Media reader	Graphics	Display- Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
2756-A1G	4x3	i3-2130	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2000	None	Switch	Stand	ES52	None	Pro 32	06/05/12
2756-B7G	4x3	G850	2GBx1 1600MHz	500G 7200	DVD±RW	None	Intel HD	None	Switch	Stand	ES52	None	Pro 64	06/05/12
2756-H9G	4x3	i3-2120	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2000	None	Switch	None	ES52	None	Pro 64	06/26/12

●*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
Implementation	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
DP dongle	None
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 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
Modem	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
Floor Stand	*Some:* System floor stand for vertical orientation
Power supply	240 watts, autosensing, 85% PSU
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 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, PCIe 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

Preloaded operating system

Some: Genuine Windows® 7 Professional 32
Some: 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
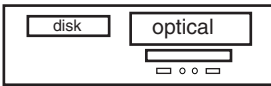
See footnotes for important warranty information
WE models announced June 5 or June 26, 2012
WE models withdrawn effective May 2014

©Lenovo
(G-MDTN1-4) May 2014

Type-model	Slot x bay	Processor	Memory[8]	SATA disk GB rpm	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
2756-N2G	4x3	i3-3220	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	Switch	Stand	ES52	None	Pro 64	09/11/12

●*3-year limited warranty*

Positioning	*Mainstream enterprise stability and manageability*
Processor	**Intel® Core™ i3-3220 Processor** (**2 cores / 4 threads**, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller
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
DP dongle	None
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 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
Modem	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
Floor Stand	System floor stand for vertical orientation
Power supply	240 watts, autosensing, 85% PSU
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 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, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3

| disk | optical |

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

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
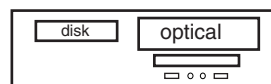
©Lenovo
(G-MDTN1-8) May 2014

Type-model	Slot x bay	Processor	Memory[8]	SATA disk GB rpm	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global	Preload	Ann date (mm/dd/yy)
2756-K1G	4x3	i3-3220	4GBx1	500G 7200	DVD±RW	None	HD 2500	None	Switch	None	ES52	None	Win8 Pro64	10/23/12
2756-N1G	4x3	i3-3220	4GBx1	500G 7200	DVD±RW	None	HD 2500	None	Switch	None	ES52	None	Win7 Pro64	10/23/12
2756-DCG	4x3	i5-3470	4GBx1	500G 7200	DVD±RW	None	HD 2500	None	Switch	Stand	ES52	None	Win7 Pro64	03/05/13
2756-HAG	4x3	i3-3240	4GBx1	500G 7200	DVD±RW	None	HD 2500	None	Switch	None	ES52	None	Win7 Pro64	05/28/13
2756-HBG	4x3	i3-3240	4GBx1	500G 7200	DVD±RW	Media	HD 2500	None	Switch	None	ES52	None	Win7 Pro64	05/28/13
2756-HCG	4x3	i5-3470	4GBx1	500G 7200	DVD±RW	Media	HD 2500	None	Switch	Stand	ES52	None	Win7 Pro64	05/28/13

● *3-year limited warranty*

Positioning	*Mainstream enterprise stability and manageability*
Processor	**Intel® Core™ i3-3220 Processor** (**2 cores / 4 threads**, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller **Intel Core i3-3240 Processor** (**2 cores / 4 threads**, 3.4GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller **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
DP dongle	None
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	*Some:* 29-in-1 media reader, internal USB 2.0
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 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
Modem	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
Floor Stand	*Some:* System floor stand for vertical orientation
Power supply	240 watts, autosensing, 85% PSU
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 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, PCIe 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

disk	optical

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)
● 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 models announced October 23, 2012, March 5, 2013, or May 28, 2013
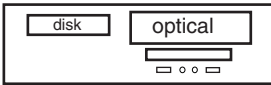WE models withdrawn effective May 2014

©Lenovo
(G-MDTN1-9) May 2014

Type-model	Slot x bay	Processor	Memory[8]	SATA disk GB rpm	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global (G) GMP (P)	Win7 preload	Ann date (mm/dd/yy)
2929-A1G	4x3	i5-3550	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	Stand	ES52	G P	Pro 64	06/05/12
2929-B1G	4x3	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	Stand	ES52	G P	Pro 64	06/19/12
2929-D1G	4x3	i5-3570	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	Stand	ES52	G P	Pro 64	08/14/12

●*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 **Intel Core i5-3550 Processor** (**4 cores / 4 threads**, 3.3GHz, 6MB 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, 6MB cache), Turbo Boost 2.0 (3.8GHz), 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
DP dongle	None
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 USB2.0, 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 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
Modem	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
Floor Stand	System floor stand for vertical orientation
Power supply	240 watts, autosensing, 85% PSU
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 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, PCIe 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

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

[disk] [optical]

See footnotes for important warranty information
WE models announced June 5, June 19, or August 14, 2012
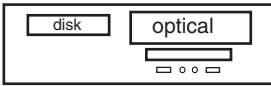WE models withdrawn effective May 2014

©Lenovo
(G-MDTN1-1) May 2014

Type-model	Slot x bay	Processor	Memory[8]	SATA disk GB rpm	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global (G) GMP (P)	Preload	Ann date (mm/dd/yy)
2929-C1G	4x3	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	Stand	ES52	G P	Win8 Pro64	10/23/12
2929-E1G	4x3	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	Stand	ES52	G P	Win7 Pro64	10/23/12

●*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
DP dongle	None
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 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
Modem	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
Floor Stand	System floor stand for vertical orientation
Power supply	240 watts, autosensing, 85% PSU
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 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, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 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™

disk | optical

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

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
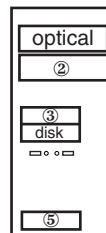
©Lenovo
(G-MDTN1-11) May 2014

ThinkCentre M82 Tower (2750) - ENERGY STAR 5.2

Type-model	Slot x bay	Processor	Memory⁸	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
2750-A2G	4x5	G850	2GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	Intel HD	None	Switch	ES52	None	Pro 64	06/05/12
2750-A3G	4x5	i3-2120	2GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2000	None	Switch	ES52	None	Pro 64	06/05/12

● *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
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
DP dongle	None
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 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
Modem	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

```
┌──────────┐
│ optical  │
├──────────┤
│    ②     │
├──────────┤
│    ③     │
│   disk   │
│ ▭▭ ○ ▭   │
├──────────┤
│    ⑤     │
└──────────┘
```

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)*

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

Supports ThinkVantage Technologies

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

©Lenovo
(G-MDTN1-5) May 2014
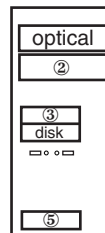
Type-model	Slot x bay	Processor	Memory⁸	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Global	Win7 preload	Ann date *(mm/dd/yy)*
2697-A1G	4x5	i3-2130	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2000	None	Switch	ES52	None	Pro 64	06/05/12
2697-B5G	4x5	G850	2GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	Intel HD	None	Switch	ES52	None	Pro 64	06/05/12
2697-G6G	4x5	i3-2120	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2000	None	Switch	ES52	None	Pro 64	06/26/12

●*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
Implementation	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
DP dongle	None
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 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
Modem	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
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

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)*

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

Supports ThinkVantage Technologies

optical
②
③
disk
⑤

See footnotes for important warranty information
WE models announced June 5 or June 26, 2012
WE models withdrawn effective May 2014
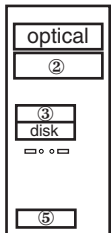
©Lenovo
(G-MDTN1-6) May 2014

Type-model	Slot x bay	Processor	Memory⁸	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
2697-G2G	4x5	i5-3550	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2500	None	Switch	ES52	None	Pro 64	07/10/12
2697-L5G	4x5	i3-3220	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2500	None	Switch	ES52	None	Pro 64	09/11/12

●*3-year limited warranty*

Positioning	*Mainstream enterprise stability and manageability*	
Processor	**Intel® Core™ i3-3220 Processor** (**2 cores / 4 threads**, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller	
	Intel Core i5-3550 Processor (**4 cores / 4 threads**, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), 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	
DP dongle	None	
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 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	
Modem	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	
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	

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)*

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

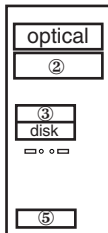Supports ThinkVantage Technologies

See footnotes for important warranty information
WE models announced July 10 or September 11, 2012
WE models withdrawn effective May 2014

©Lenovo
(G-MDTN1-7) May 2014

Type-model	Slot x bay	Processor	Memory⁸	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Global	Preload	Ann date (mm/dd/yy)
2697-J1G	4x5	i3-3220	4GBx1	500G 7200	Bay	DVD±RW	None	HD 2500	None	Switch	ES52	None	Win8 Pro64	10/23/12
2697-L1G	4x5	i3-3220	4GBx1	500G 7200	Bay	DVD±RW	None	HD 2500	None	Switch	ES52	None	Win7 Pro64	10/23/12
2697-AAG	4x5	i5-3470	4GBx1	500G 7200	Bay	DVD±RW	None	HD 2500	None	Switch	ES52	None	Win7 Pro64	03/05/13
2697-BAG	4x5	i3-3240	4GBx1	500G 7200	Bay	DVD±RW	None	HD 2500	None	Switch	ES52	None	Win7 Pro64	05/28/13
2697-BBG	4x5	i3-3240	4GBx1	500G 7200	Bay	DVD±RW	Media	HD 2500	None	Switch	ES52	None	Win7 Pro64	05/28/13
2697-BCG	4x5	i5-3470	4GBx1	500G 7200	Bay	DVD±RW	Media	HD 2500	None	Switch	ES52	None	Win7 Pro64	05/28/13

●*3-year limited warranty*

Positioning	*Mainstream enterprise stability and manageability*
Processor	**Intel® Core™ i3-3220 Processor** (**2 cores / 4 threads**, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller **Intel Core i3-3240 Processor** (**2 cores / 4 threads**, 3.4GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller **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
DP dongle	None
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	*Some:* 29-in-1 media reader, internal USB 2.0
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 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
Modem	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
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

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)*

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

Supports ThinkVantage Technologies

See footnotes for important warranty information
WE models announced October 23, 2012, March 5, 2013, or May 28, 2013
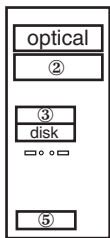WE models withdrawn effective May 2014

Type-model	Slot x bay	Processor	Memory[8]	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Global (G) GMP (P)	Win7 preload	Ann date *(mm/dd/yy)*
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
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-D1G	4x5	i5-3570	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2500	None	None	ES52	G P	Pro 64	08/14/12

●*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 **Intel Core i5-3550 Processor (4 cores / 4 threads**, 3.3GHz, 6MB 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, 6MB cache), Turbo Boost 2.0 (3.8GHz), 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
DP dongle	None
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 USB2.0, 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 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
Modem	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
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

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)

optical
②
③
disk
⑤

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)*

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

Supports ThinkVantage Technologies

See footnotes for important warranty information
WE models announced June 5, June 19, or August 14, 2012
WE models withdrawn effective May 2014
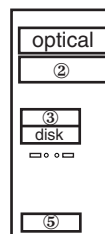
©Lenovo
(G-MDTN1-2) May 2014

Type-model	Slot x bay	Processor	Memory[8]	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Global (G) GMP (P)	Preload	Ann date *(mm/dd/yy)*
2742-C1G	4x5	i5-3470	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2500	None	None	ES52	G P	Win8 Pro64	10/23/12
2742-E1G	4x5	i5-3470	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2500	None	None	ES52	G P	Win7 Pro64	10/23/12

●*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
DP dongle	None
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 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
Modem	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
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

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)*

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

Supports ThinkVantage Technologies

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

©Lenovo
(G-MDTN1-12) May 2014