## ThinkCentre Edge 92z All-In-One





Lenovo ThinkCentre Edge 92z with Frame Stand



Lenovo ThinkCentre Edge 92z with Frame Stand



Lenovo ThinkCentre Edge 92z with Frame Stand



Handle



Lenovo ThinkCentre Edge 92z with Frame Stand



Lenovo ThinkCentre Edge 92z with Frame Stand

Type-model	Processor	Memory <sup>8</sup>	Camera (mega- pixel)	Disk SATA GB rpm	mSATA SSD	SATA optical	Graphics	PCIe Mini Card WLAN / BT	Media reader	Key- board/ Mouse	Global	Win7 preload	Ann date (mm/dd/yy)
3396-B5G	i5-3470S	4GBx1	2.0M	500G 7200	None	DVD±RW	HD 2500	Intel 2230 + BT	Media	2.4G	None	Pro 64	07/10/12
3396-BMG	i3-2120	4GBx1	2.0M	500G 7200	None	DVD±RW	HD 2000	Intel 2230 + BT	Media	2.4G	None	Pro 64	07/10/12

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program

  Output

  Description:
- 1-year limited warranty

Positioning	Stylish All-In-One PC for small/medium businesses	Preloaded operating system
Processor	Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD 2000 Graphics,	Genuine Windows® 7 Professional 64
	integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology	Ready to install applications (only some
	Intel Core i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache),	listed)
	Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology	Rescue and Recovery™     Rescue and Recovery™
Implementation	Processor in LGA1155 socket	Password Manager     Business-in-a-Box
Memory	16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook)	Preloaded applications (only some listed)
·	Intel HD Graphics 2000 or Intel HD Graphics 2500 in processor, use main memory, external digital monitor support via HDMI, supports dual independent display;  Maximum resolution: 1920x1200 (HDMI) @ 60Hz	ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility
	<b>21.5"</b> (545.2mm) <b>Full HD 1080p (1920x1080) TFT color</b> , infinity display, IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio;	ThinkVantage Automatic Lock Utilitý     ThinkVantage Power Manager     View Management Utility
Multi-touch	works as standalone monitor via HDMI-in connector None	Lenovo Solution Center     Lenovo Message Center Plus
Camera	Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus,	<ul> <li>Intel Small Business Advantage</li> </ul>
	integrated digital MIC array with stereo, LED indicator	RapidBoot HDD Accelerator     Lenovo SimpleTap
Controls Disk	Front facing buttons for brightness up, brightness down, power on/off, and Video in	<ul> <li>Norton™ Internet Security</li> </ul>
mSATA™ SSD	SATA 6.0Gb/s, 3.5" Wide, 7200 rpm None	(30 days of virus definitions)  • Adobe® Reader®
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	Evernote®
Media reader	7-in-1 Single Slot SD media reader	Symantec™ VIP     Skype™ for Windows
Chipset	Intel B75 Express Chipset	Windows Live™ Essentials
Rear ports Side ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	Microsoft® Office preloaded;     purchase a product key to activate
PCIe Mini Card	Two PCI Express® Mini Card slots	Corel® Burn.Now™ (DVD±RW)
PCIe WLAN⁴	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino wireless-N 2230,	<ul> <li>Corel DVD MovieFactory® (DVD±RW)</li> </ul>
Bluetooth PCIe mSATA	Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter One Mini PCIe mSATA slot	
Ethernet	One gigabit ethernet port, Intel 82579LM	
• • •	High Definition (HD) Audio, Realtek® ALC662 / Two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync® certified	
	None None	
Keyboard	Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black	
Power supply	150 watts, autosensing, 85% PSU	
Machine	Model(s) with Frame stand:	
	Business black color     STAN Y COUNTY OF THE PROPERTY OF	
	<ul> <li>21.5" W X 3.2" D X 16.3" H</li> <li>545mm W X 81mm D X 414mm H (with feet)</li> </ul>	
	• 18.5 lb (8.4 kg) in maximum configuration	
	Handle in rear, removable feet	
	Support VESA mount (100mm)	
		Security  Security Slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)  Boot sequence control  Boot without keyboard and mouse  USB port disablement
Limited Warranty	1-year, 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	ENERGY STAR® 5.2-compliant RoHS-compliant
	for service dispatch / service upgrades available	Supports ThinkVantage Technologies

Type-model	Processor	Memory <sup>8</sup>	Camera (mega- pixel)	Disk SATA GB rpm	mSATA SSD	SATA optical	Graphics	PCle Mini Card WLAN / BT	Media reader	Key- board/ Mouse	Global	Ann date Preload <i>(mm/dd/yy)</i>
3396-C4G	i3-3220	4GBx1	2.0M	500G 7200	None	DVD±RW	HD 2500	Intel 2230 + BT	Media	2.4G	None	Win7 Pro64 11/13/12
3396-C5G	i5-3470S	4GBx1	2.0M	500G 7200	None	DVD±RW	HD 2500	Intel 2230 + BT	Media	2.4G	None	Win7 Pro64 11/13/12
3396-CSG	i5-3330S	4GBx1	2.0M	128G SSD	None	DVD±RW	HD 2500	Intel 2230 + BT	Media	2.4G	None	Win7 Pro64 03/05/13
3396-CTG	i5-3330S	4GBx1	2.0M	128G SSD	None	DVD±RW	HD 2500	Intel 2230 + BT	Media	2.4G	None	Win8 Pro64 03/05/13

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program •1-year limited warranty

Positioning	Stylish All-In-One PC for small/medium businesses	Preloaded operating system
Processor	Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache),	
	integrated Intel HD Graphics 2500,	Some: Windows® 7 Professional 64 preinstalled through downgrade
	integrated 1600MHz dual-channel DDR3 memory controller	rights in Windows 8 Pro 64-bit
	Intel Core i5-3330S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache),	Some: Windows 8 Pro 64-bit
	Turbo Boost 2.0 (3.2GHz), integrated Intel HD 2500 Graphics, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology	Preloaded applications (only some listed)
	Intel Core i5-3470S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache),	- Windows 7 models
	Turbo Boost 2.0 (3.6GHz), integrated Intel HD 2500 Graphics,	ThinkVantage® Product Recovery
	integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology	ThinkVantage Communication Utility
Implementation	Processor in LGA1155 socket	ThinkVantage Power Manager
Memory	16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook)	Lenovo® Message Center Plus
Graphics	Intel HD Graphics 2500 in processor, use main memory,	Intel Small Business Advantage     RapidBoot HDD Accelerator
	external digital monitor support via HDMI, supports dual independent display;	Lenovo SimpleTap
	Maximum resolution: 1920x1200 (HDMI)@60Hz	Adobe® Reader®
Widescreen	<b>21.5</b> " (545.2mm) <b>Full HD 1080p (1920x1080) TFT color</b> , infinity display,	Symantec™ VIP
display	IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio;	Windows Live™ Essentials     Oard® Burn Nov.™ (D) (D) (D) (D)
	works as standalone monitor via HDMI-in connector	<ul> <li>Corel® Burn.Now™ (DVD±RW)</li> <li>Corel DVD MovieFactory® (DVD±RW)</li> </ul>
Multi-touch	None	- Windows 8 models
Camera	Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus,	
0 1	integrated digital MIC array with stereo, LED indicator	Lenovo Support     Lenovo Settings
Controls	Front facing buttons for brightness up, brightness down, power on/off, and Video in	Lenovo Settings  Lenovo Companion
Disk	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Lenovo Cloud Storage
mSATA™ SSD	Some: Hard Disk Drive / SATA 6.0Gb/s, 3.5" Wide, 7200 rpm None	Lenovo QuickLaunch
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	Norton™ Studio
Media reader	7-in-1 Single Slot SD media reader	Intel AppUp®     AccuWeather
Chipset	Intel B75 Express Chipset	PC Device Stage
Rear ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in	<ul> <li>Cyberlink Power2Go (DVD±RW)</li> </ul>
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	Cyberlink PowerProducer (DVD±RW)
PCIe Mini Card	Two PCI Express® Mini Card slots	- All models
PCIe WLAN <sup>4</sup>	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino wireless-N 2230,	ThinkVantage System Update
	Wi-Fi + Bluetooth combo adapter, 2x2	<ul> <li>ThinkVantage Automatic lock Utility</li> </ul>
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	Lenovo Solution Center     Visus Management I Italian
PCIe mSATA	One Mini PCIe mSATA slot	View Management Utility     Norton Internet Security
Ethernet	One gigabit ethernet port, Intel 82579LM	(30 days of virus definitions)
Audio support	High Definition (HD) Audio, Realtek® ALC662 / Two internal stereo speakers (3watt x 2),	Microsoft® Office preloaded;
Intel AMT	Dolby® Advanced Audio™ v2 certified, Microsoft Lync® certified None	purchase a product key to activate
Security chip	None	<ul> <li>Evernote<sup>®</sup></li> <li>Skype<sup>™</sup></li> </ul>
Keyboard	Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black	Skype ···
Mouse	Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black	
Power supply	150 watts, autosensing, 85% PSU	
Machine	Model(s) with Frame stand:	
	Business black color	
	• 21.5" W X 3.2" D X 16.3" H	
	• 545mm W X 81mm D X 414mm H (with feet)	
	• 18.5 lb (8.4 kg) in maximum configuration	
	Handle in rear, removable feet	
	Support VESA mount (100mm)	Security
	,	Security slot (in rear for attachment of
		optional Kensington® MicroSaver® cable;
		Kensington lock also locks chassis)
		Boot sequence control
		Boot without keyboard and mouse     USB port disablement
		ENERGY STAR® 5.2-compliant
Limited Warranty		RoHS-compliant
	national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available	Supports ThinkVantage Technologies
	ior service dispatori / service apgrades available	Supporto Timin variago Toorinologios

Type-model	Processor	Memory <sup>8</sup>	Camera (mega- pixel)	Disk SATA GB rpm	mSATA SSD	SATA optical	Graphics	PCIe Mini Card WLAN / BT	Media reader	Key- board/ Mouse	Global	Preload	Ann date (mm/dd/yy)
3418-D1G	i3-3240	4GBx1	2.0M	500G 7200	None	DVD+RW	HD 7650A	Intel 2230 + BT	Media	USB	None	Win8 64	05/28/13

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program

  Output

  Description:
- 1-year limited warranty

Positioning	Stylish All-In-One PC for small/medium businesses	Preloaded operating system
Processor	Intel® Core™ i3-3240 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache),	Windows® 8 64-bit
	integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller	Preloaded applications (only some listed)
Implementation	Processor in LGA1155 socket	ThinkVantage® System Update
Memory	16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook)	ThinkVantage Automatic lock Utility     View Management Utility
Graphics	AMD Radeon™ HD 7650A, 2GB memory, PCI Express® x16, 35 watts, DirectX® 11, external digital monitor support via HDMI, supports dual independent display;  Maximum resolution: 1920x1200(HDMI)@60Hz	Lenovo® Support     Lenovo Settings     Lenovo Companion
Widescreen display	21.5" (545.2mm) Full HD 1080p (1920x1080) TFT color, infinity display, IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio;	Lenovo Cloud Storage     Lenovo QuickLaunch     Lenovo Solution Center
Multi-touch Camera	works as standalone monitor via HDMI-in connector None Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus,	Microsoft® Office preloaded; purchase a product key to activate     Norton™ Internet Security     Office prediction of the security of t
Controls	integrated digital MIC array with stereo, LED indicator Front facing buttons for brightness up, brightness down, power on/off, and Video in	(30 days of virus definitions)  Norton Studio  Intel AppUp®
Disk mSATA™ SSD Optical Media reader	SATA 6.0Gb/s, 3.5" Wide, 7200 rpm None DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable 7-in-1 Single Slot SD media reader	AccuWeather     PC Device Stage     Evernote®     Skype™
Chipset	Intel B75 Express Chipset	Cyberlink Power2Go (DVD±RW)
Rear ports Side ports PCIe Mini Card PCIe WLAN <sup>4</sup>	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) Two PCI Express® Mini Card slots 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino wireless-N 2230,	Cyberlink PowerProducer (DVD±RW)
Bluetooth PCIe mSATA	Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter One Mini PCIe mSATA slot	
Ethernet Audio support	One gigabit ethernet port, Intel 82579LM High Definition (HD) Audio, Realtek® ALC662 / Two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync® certified	
Intel AMT Security chip	None None	
Keyboard Mouse Power supply	Lenovo® Slim New F5 USB Keyboard (USB connector), black Enhanced Optical USB Mouse, black 180 watts, autosensing, 92% PSU	
Machine	Model(s) with Frame stand:  Business black color  21.5" W X 3.2" D X 16.3" H  545mm W X 81mm D X 414mm H (with feet)  18.5 lb (8.4 kg) in maximum configuration  Handle in rear, removable feet  Support VESA mount (100mm)	
		Security • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Boot sequence control • Boot without keyboard and mouse • USB port disablement
Limited Warranty	1-year, 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	ENERGY STAR® 5.2-compliant RoHS-compliant
	for service dispatch / service upgrades available	Supports ThinkVantage Technologies

## ThinkCentre Edge 92z (3414) - Multi-touch (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>8</sup>	Camera (mega- pixel)	Disk SATA GB rpm	mSATA SSD	SATA optical	Graphics	PCIe Mini Card WLAN	Media reader	Key- board/ Mouse	Global	Win7 Ann date preload (mm/dd/yy)
3414-CQG	i3-2120	4GBx1	2.0M	500G 7200	None	DVD±RW	HD 7650A	Intel 2230 + BT	Media	2.4G	None	Pro 64 07/10/12

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 1-year limited warranty

Positioning	Stylish All-In-One PC for small/medium businesses	Preloaded operating system
Processor	Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache),	Genuine Windows® 7
	integrated Intel HD 2000 Graphics,	Professional 64
Implementation	integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket	Ready to install applications (only some
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook)	listed)
Graphics	AMD Radeon™ HD 7650A, 2GB memory, PCI Express® x16, 35 watts, DirectX® 11,	<ul> <li>● Rescue and Recovery<sup>™</sup></li> <li>● Password Manager</li> </ul>
	external digital monitor support via HDMI, supports dual independent display;	Business-in-a-Box
	Maximum resolution: 1920x1200(HDMI)@60Hz	Preloaded applications (only some listed)
Widescreen display	21.5" (545.2mm) Full HD 1080p (1920x1080) TFT color, infinity display,	ThinkVantage® Product Recovery  ThinkVantage® Product Recovery  ThinkVantage® Product Recovery
diopidy	IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio; works as standalone monitor via HDMI-in connector	ThinkVantage System Update     ThinkVantage Communication Utility
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch	ThinkVantage Automatic Lock Utility
Camera	Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus,	ThinkVantage Power Manager     View Management Utility
Controlo	integrated digital MIC array with stereo, LED indicator	Microsoft Touch Pack
Controls Disk	Front facing buttons for brightness up, brightness down, power on/off, and Video in SATA 6.0Gb/s, 3.5" Wide, 7200 rpm	Lenovo Solution Center     Lenovo Message Center Plus
mSATA™ SSD	None	Intel Small Business Advantage
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	RapidBoot HDD Accelerator     Lenovo SimpleTap
Media reader	7-in-1 Single Slot SD media reader	Norton™ Internet Security
Chipset	Intel B75 Express Chipset	(30 days of virus definitions)
Rear ports Side ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	Adobe® Reader®     Evernote®
PCle Mini Card	Two PCI Express® Mini Card slots	<ul> <li>Symantec™ VIP</li> </ul>
PCIe WLAN <sup>4</sup>	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino wireless-N 2230,	<ul> <li>Skype™ for Windows</li> <li>Windows Live™ Essentials</li> </ul>
Bluetooth	Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	<ul> <li>Microsoft® Office preloaded;</li> </ul>
PCIe mSATA	One Mini PCIe mSATA slot	purchase a product key to activate  Corel® Burn.Now™ (DVD±RW)
Ethernet	One gigabit ethernet port, Intel 82579LM	Corel DVD MovieFactory® (DVD±RW)
Audio support	High Definition (HD) Audio, Realtek® ALC662 / Two internal stereo speakers (3watt x 2),	
Intel AMT	Dolby <sup>®</sup> Advanced Audio™ v2 certified, Microsoft Lync <sup>®</sup> certified None	
Security chip	None	
Keyboard	Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black	
Mouse Power supply	Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black 180 watts, autosensing, 92% PSU	
Machine	Model(s) with Frame stand:	
Macmile	Business black color	
	• 21.5" W X 3.2" D X 16.3" H	
	• 545mm W X 81mm D X 414mm H (with feet)	
	• 18.5 lb (8.4 kg) in maximum configuration	
	Handle in rear, removable feet     Support VESA mount (100mm)	
	Support VESA mount (100mm)	
		Security
		<ul> <li>Security slot (in rear for attachment of optional Kensington® MicroSaver® cable;</li> </ul>
		Kensington lock also locks chassis)
		Boot sequence control     Boot without keyboard and mouse
		USB port disablement
Limited Warranty	1-year, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and	ENERGY STAR® 5.2-compliant
Emiliod Warranty	national holidays. Calls received after 3 pm will require an additional next business day	RoHS-compliant
	for service dispatch / service upgrades available	Supports ThinkVantage Technologies

## ThinkCentre Edge 92z (3416) - Multi-touch (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>8</sup>	Camera (mega- pixel)	Disk SATA GB rpm	mSATA SSD	SATA optical	Graphics	PCIe Mini Card WLAN	Media reader	Key- board/ Mouse	Global Preload	Ann date (mm/dd/yy)
3416-F1G	i3-2130	4GBx1	2.0M	250G 7200	None	DVD±RW	HD 7650A	Intel 105	None	USB	None DOS-Lic	. 10/22/13

- $\bullet \textit{Small and medium business (SMB) model(s), part of the Western Europe TopSeller^{\text{\tiny TM}} \ \textit{Program}$
- 3-year limited warranty

Processor    Stylish All-In-One PC for small/medium businesses   Intel® Core™ i3-2130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), integrated Intel HD 2000 Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology   Processor in LGA1155 socket	
integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket  Memory 16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook)  Graphics AMD Radeon™ HD 7650A, 2GB memory, PCI Express® x16, 35 watts, DirectX® 11, external digital monitor support via HDMI, supports dual independent display; Maximum resolution: 1920x1200(HDMI)@60Hz  Widescreen display IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio; works as standalone monitor via HDMI-in connector  Multi-touch Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch Camera On top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
Implementation         Processor in LGA1155 socket           Memory         16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook)           Graphics         AMD Radeon™ HD 7650A, 2GB memory, PCI Express® x16, 35 watts, DirectX® 11, external digital monitor support via HDMI, supports dual independent display; Maximum resolution: 1920x1200(HDMI)@60Hz           Widescreen display         21.5" (545.2mm) Full HD 1080p (1920x1080) TFT color, infinity display, IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio; works as standalone monitor via HDMI-in connector           Multi-touch Camera         Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
Memory       16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook)         Graphics       AMD Radeon™ HD 7650A, 2GB memory, PCI Express® x16, 35 watts, DirectX® 11, external digital monitor support via HDMI, supports dual independent display; Maximum resolution: 1920x1200(HDMI)@60Hz         Widescreen display       21.5" (545.2mm) Full HD 1080p (1920x1080) TFT color, infinity display, IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio; works as standalone monitor via HDMI-in connector         Multi-touch       Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch         Camera       Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
Graphics  AMD Radeon™ HD 7650A, 2GB memory, PCI Express® x16, 35 watts, DirectX® 11, external digital monitor support via HDMI, supports dual independent display; Maximum resolution: 1920x1200(HDMI)@60Hz  Widescreen display  Ultimate viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio; works as standalone monitor via HDMI-in connector  Multi-touch Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch  Camera On top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
external digital monitor support via HDMI, supports dual independent display;  Maximum resolution: 1920x1200(HDMI) @ 60Hz  Widescreen display  IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio; works as standalone monitor via HDMI-in connector  Multi-touch Camera  Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
Maximum resolution: 1920x1200(HDMI) @ 60Hz  Widescreen display  IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio; works as standalone monitor via HDMI-in connector  Multi-touch Camera  Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
display  IPS wide viewing angle, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio; works as standalone monitor via HDMI-in connector  Multi-touch Camera  Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
works as standalone monitor via HDMI-in connector  Multi-touch Camera  Works as standalone monitor via HDMI-in connector Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
Multi-touch Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch Camera Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
Camera Camera on top of screen, 2.0-megapixel, Full HD 1080p, fixed focus, integrated digital MIC array with stereo, LED indicator	
integrated digital MIC array with stereo, LED indicator	
Controls Front facing buttons for brightness up, brightness down, power on/off, and Video in	
Disk SATA 6.0Gb/s, 3.5" Wide, 7200 rpm	
mSATA™ SSD None Ortical DVD human SATA 1.5Ch/o.13.7mm high fixed not removable	
Optical DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable  Media reader None	
Chipset Intel B75 Express Chipset	
Rear ports Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in	
Side ports Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card Two PCI Express® Mini Card slots	
PCIe WLAN <sup>4</sup> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® wireless-N 105, 1x1 Bluetooth None	
PCIe mSATA One Mini PCIe mSATA slot	
Ethernet One gigabit ethernet port, Intel 82579LM	
Audio support High Definition (HD) Audio, Realtek® ALC662 / Two internal stereo speakers (3watt x 2),	
Dolby® Advanced Audio™ v2 certified, Microsoft Lync® certified Intel AMT None	
Security chip None	
Keyboard Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse Enhanced Optical USB Mouse, black	
Power supply 180 watts, autosensing, 92% PSU	
Machine Model(s) with Frame stand:  • Business black color	
• 21.5" W X 3.2" D X 16.3" H	
• 545mm W X 81mm D X 414mm H (with feet)	
• 18.5 lb (8.4 kg) in maximum configuration	
Handle in rear, removable feet	
Support VESA mount (100mm)	
Security  Security slot (in	rear for attachment of
optional Kensing	ton® MicroSaver® cable;
Kensington lock  Boot sequence	also locks chassis)
Boot without key	board and mouse
Limited Warranty 3-year, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and	ement
national holidays. Calls received after 3 pm will require an additional next business day	
for service dispatch / service upgrades available Supports ThinkVar	ntage Technologies