









OVERALL COMPUTER COST COMPARISON

	CONFIGURATION 1 BUSINESS THIN CLIENT	CONFIGURATION 2 PERFORMANCE THIN CLIENT	CONFIGURATION 3 BUSINESS ALL-IN-ONE	CONFIGURATION 4 PERFORMANCE ALL-IN-ONE	CONFIGURATION 5 BUSINESS COMPUTER	CONFIGURATION 6 PERFORMANCE COMPUTER	CONFIGURATION 7 BUSINESS WORKSTATION	CONFIGURATION 8 PERFORMANCE WORKSTATION
								
DELL	WYSE 5010	WYSE 7010	OPTIPLEX 7440	OPTIPLEX 7440	OPTIPLEX 7040	OPTIPLEX 7040	PRECISION 7810	PRECISION 7810
EnPointe Technologies MA-IS-1740018	\$253.90	\$360.86	\$829.15	\$1,004.25	\$540.75	\$719.97	\$1,565.60	\$2,389.60
HP	T620	T620	ELITEONE 800 G2	ELITEONE 800 G2	PRODESK 600 G2	PRODESK 600 G2	Z440	Z640
Golden Star Technology MA-IS-1740019	\$290.45	\$301.32	\$949.30	\$1,129.55	\$582.86	\$769.52	\$1,736.08	\$3,252.79
LENOVO	THINKCENTRE M700	THINKCENTRE M700	THINKCENTRE M900Z	THINKCENTRE M900Z	THINKCENTRE M700	THINKCENTRE M700	THINKSTATION P700	THINKSTATION P700
Technology Integration Group MA-IS-1740021	\$245.01	\$342.01	\$797.01	\$1,060.01	\$509.47	\$702.01	\$2,150.51	\$2,750.01

updated 09/14/2016

CONFIGURATION 1 BUSINESS THIN CLIENT COMPARISON



Make Model	BASE SPECIFICATIONS	LENOVO THINKCENTRE M700	DELL WYSE 5010	HP T620
Contract Cost		\$245.01	\$253.90	\$290.45
Model /Chassis Type	Brick	Brick	Brick	Brick
Display Size				
Processor	AMD® Dual Core 1.5GHz	Intel® Celeron™ G3900T 2.60GHz, 2M, 2 Core, 2 Thread, 8GT/s	AMD G-T48E 1.4GHz Dual Core	AMD GX-415GA 1.5GHz Quad Core
BIOS Configuration	Boot to Flash	Boot to Flash	Boot to Flash	Boot to Flash
Operating System	ThinOS	LeTOS	ThinOS	ThinPro
RAM	4GB DDR3 non-ECC	4GB DDR3 non-ECC	4GB DDR3 non-ECC	4GB DDR3 non-ECC
Hard Disk	16GB Flash	16GB Flash	16GB Flash	16GB Flash
Removable Storage				
Video Graphics	HD Graphics (Dual Monitor Capable @ 1,280 x 1,024 each)	HD Graphics (Dual Monitor @ 1280 x 1024)	Radeon HD 6250 (Dual Monitor @ 1920 x 1200)	HD Graphics (Dual Monitor @ 2560 x 1600)
Sound	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)
Network Interface	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000
VDI Protocols	PCoIP, RDP, HDX, RemoteX	PCoIP, RDP, HDX, RemoteX	PCoIP, RDP, HDX, RemoteX, vWorkspace	PCoIP, RDP, HDX, RemoteX
Energy Efficient Power Supply				
Mouse	USB 2-Button Optical w/Scroll	Enhanced Optical USB	USB Optical Mouse w/Scroll	Optical USB
Keyboard	Standard Keyboard	Fullsize USB	Enhanced USB Keyboard	Standard USB
Warranty	3 Year Depot Service	3 Year Onsite	3 Year Depot Service	3 Year Depot Service
Web Camera				
RAM Maximum		8GB DDR3 non-ECC	16GB DDR3 non-ECC	16GB DDR3 non-ECC
DIMM Slots		2	2	2
PCI Slots Total				
Media Card Slots				
SATA Port			1	1
USB Ports - Front (2.0 / 3.0)		0 / 2	2 / 0	2 / 2
USB Ports - Rear (2.0 / 3.0)		0 / 4	2 / 0	2 / 0
Firewire Port				
Parallel Port (Bi-Direct.)				
Serial Port (9pin, 16550)				
VGA Out				
DVI Out			Yes	
HDMI Out				
Display Port Out		Yes, 2	Yes	Yes, 2
Stereo line-in Connection				
Microphone-in Connection		Yes	Yes	Yes
Speakers/line-out Connection		Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)		65	9	2
Power Save/Sleep Mode - Energy Efficient (Watts)		Unavailable	3	0.74
EnergyStar Level - Energy Efficient	4	6	5	5
ePEAT Level - Energy Efficient	Silver	Gold	Silver	Gold
Acoustics (max. dB)		23	Unavailable	Unavailable
Dimensions (W x D x H)		7.05" x 1.36" x 7.16"	1.6" x 7.3" x 6.7"	1.6" x 9.5" x 8.7"
Weight (.lbs.)		2.91	2.05	3
Chassis Lock & Cable Loop		Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE				
Chassis				
BIOS Configuration				
Operating System	Windows Embedded 7	Windows Embedded 7 (64bit)	Windows Embedded 7 (32bit)	Windows Embedded 8 (64bit)
RAM	8GB non-ECC, 16GB non-ECC		8GB DDR3 non-ECC	
Flash Drive	32GB, 64GB, 128GB, 256GB	128GB	32GB	32GB
Hard Disk				
Solid State Drive				
Removable Storage				
Web Camera				
Video Graphics				
Wireless Interface	802.11 a/b/g/n	802.11 a/b/g/n/AC	802.11 a/b/g/n	
Bluetooth Interface	4	Included with Wireless Interface	Included with Wireless Interface	
Security	Intel vPro			
Warranty - Additional Years	1Yr., 2Yrs., 3Yrs.	1Yr., 2Yrs.	1Yr., 2Yrs.	1Yr., 2Yrs.
Security - ComputTrace BIOS Tracking	4Yrs., 5Yrs., 6Yrs.			
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME				
Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	Display Port to VGA Dongle	Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)	16x DVD+/-RW, SATA w/DVD Playback/Recording Software			
Mounting Bracket (Ultra-Small Form Factor)	Mounting Bracket	Wall	Wall	

CONFIGURATION 2 PERFORMANCE THIN CLIENT COMPARISON



Make Model	BASE SPECIFICATIONS	HP T620	LENOVO THINKCENTRE M700	DELL WYSE 7010
Contract Cost		\$301.32	\$342.01	\$360.86
Model /Chassis Type	Brick	Brick	Brick	Brick
Display Size				
Processor	AMD® Dual Core 1.65GHz	AMD GX-415GA 1.5GHz Quad Core	Intel® Celeron™ G3900T 2.60GHz, 2M, 2 Core, 2 Thread, 8GT/s	AMD G-T56N 1.65GHz Dual Core
BIOS Configuration	Boot to Flash	Boot to Flash	Boot to Flash	Boot to Flash
Operating System	ThinOS	ThinPro	LeTOS	ThinOS
RAM	4GB DDR3 non-ECC	4GB DDR3 non-ECC	4GB DDR3 non-ECC	4GB DDR3 non-ECC
Hard Disk	32GB Flash	32GB Flash	16GB Flash	32GB Flash
Removable Storage				
Video Graphics	HD Graphics (Dual Monitor Capable @ 1,900 x 1,200 each)	HD Graphics (Dual Monitor @ 2560 x 1600)	HD Graphics (Dual Monitor @ 1280 x 1024)	AMD Radeon HD 6250 (Dual Monitor @ 1900 x 1200)
Sound	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)
Network Interface	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000
VDI Protocols	PCoIP, RDP, HDX, RemoteX	PCoIP, RDP, HDX, RemoteX	PCoIP, RDP, HDX, RemoteX	PCoIP, RDP, HDX, RemoteX
Energy Efficient Power Supply				
Mouse	USB 2-Button Optical w/Scroll	Optical USB	Enhanced Optical USB	USB Optical Mouse w/Scroll
Keyboard	Standard Keyboard	Standard USB	Fullsize USB	Enhanced USB Keyboard
Warranty	3 Year Depot Service	3 Year Depot Service	3 Year Onsite	3 Year Depot Service
Web Camera				
RAM Maximum		16GB DDR3 non-ECC	8GB DDR3 non-ECC	16GB DDR3 non-ECC
DIMM Slots		2	2	2
PCI Slots Total				
Media Card Slots				
SATA Port		1		1
USB Ports - Front (2.0 / 3.0)		2 / 2	0 / 2	2 / 0
USB Ports - Rear (2.0 / 3.0)		2 / 0	0 / 4	0 / 2
Firewire Port				
Parallel Port (Bi-Direct.)				
Serial Port (9pin, 16550)				
VGA Out				
DVI Out				Yes
HDMI Out				
Display Port Out		Yes, 2	Yes, 2	Yes
Stereo line-in Connection				
Microphone-in Connection		Yes	Yes	Yes
Speakers/line-out Connection		Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)		2	65	18
Power Save/Sleep Mode - Energy Efficient (Watts)		0.74	Unavailable	9
EnergyStar Level - Energy Efficient	4	5	6	5
ePEAT Level - Energy Efficient	Silver	Gold	Gold	Silver
Acoustics (max. dB)		Unavailable	23	Unavailable
Dimensions (W x D x H)		1.6" x 9.5" x 8.7"	7.05" x 1.36" x 7.16"	1.85" x 8.86" x 7.87"
Weight (.lbs.)		3	2.91	2.42
Chassis Lock & Cable Loop		Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE				
Chassis				
BIOS Configuration				
Operating System	Windows Embedded 7	Windows Embedded 8 (64bit)	Windows Embedded 7 (64bit)	Windows Embedded 7 (32bit)
RAM	8GB non-ECC			8GB DDR3 non-ECC
Flash Drive		32GB	128GB	
Hard Disk				
Solid State Drive				
Removable Storage				
Web Camera				
Video Graphics				
Wireless Interface	802.11 a/b/g/n		802.11 a/b/g/n/AC	802.11 a/b/g/n
Bluetooth Interface	4		Included with Wireless Interface	Included with Wireless Interface
Security	Intel vPro			
Warranty - Additional Years	1Yr., 2Yrs., 3Yrs.	1Yr., 2Yrs.	1Yr., 2Yrs.	1Yr., 2Yrs.
Security - ComputTrace BIOS Tracking	4Yrs., 5Yrs., 6Yrs.			
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME				
Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	Display Port to VGA Dongle	Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)	16x DVD+/-RW, SATA w/DVD Playback/Recording Software			
Mounting Bracket (Ultra-Small Form Factor)	Mounting Bracket		Wall	Wall

CONFIGURATION 3 BUSINESS ALL-IN-ONE COMPARISON



Make Model	BASE SPECIFICATIONS	LENOVO THINKCENTRE M900Z	DELL OPTIPLEX 7440	HP ELITEONE 800 G2
Contract Cost		\$797.01	\$829.15	\$949.30
Model /Chassis Type	Integrated w/Monitor	Integrated w/Monitor	Integrated w/Monitor	Integrated w/Monitor
Display Size	23 Inch Touchscreen	23.8 Inch Touchscreen	23 Inch WLED HD Touchscreen	23 Inch Touchscreen
Processor	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s
BIOS Configuration	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive
Operating System	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS
RAM	4GB DDR4 non-ECC	4GB DDR4 non-ECC	4GB DDR4 non-ECC	4GB DDR4 non-ECC
Hard Disk	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s
Removable Storage	16x DVD-ROM, SATA w/DVD Playback Software	16x DVD-ROM, SATA w/DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software
Video Graphics	Intel® Graphics Media Accelerator HD	Intel® Graphics Media Accelerator HD	Intel® Graphics Media Accelerator HD	Intel® HD Graphics 530
Sound	High Definition Audio	High Definition Audio	Realtek ALC3661	High Definition Audio
Network Interface	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000
VDI Protocols				
Energy Efficient Power Supply	Yes	Yes	80 Plus Bronze Certification	Yes
Mouse	USB 2-Button Optical w/Scroll	Optical Mouse USB	Dell MS116 Wired	Mouse USB
Keyboard	Standard Keyboard	Fullsize USB	Dell KB216 Wired	Business Slim USB
Warranty	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive
Web Camera		Upgrade Option	Integrated	Integrated
RAM Maximum		32GB DDR4 non-ECC	16GB DDR4 non-ECC	32GB DDR4 non-ECC
DIMM Slots		2	2	2
PCI Slots Total		1	2	
Media Card Slots			4-in-1	
SATA Port				
USB Ports - Front (2.0 / 3.0)		0 / 4	0 / 2	0 / 3
USB Ports - Rear (2.0 / 3.0)		0 / 2	2 / 4	0 / 4
Firewire Port				
Parallel Port (Bi-Direct.)				
Serial Port (9pin, 16550)				
VGA Out				
DVI Out				
HDMI Out			Yes	
Display Port Out		Yes	Yes	
Stereo line-in Connection		Yes	Yes	
Microphone-in Connection		Yes	Yes	Yes
Speakers/line-out Connection		Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)		210	87	33.8
Power Save/Sleep Mode - Energy Efficient (Watts)		150	1.6	1.37
EnergyStar Level - Energy Efficient	4	6.1	6	5
ePEAT Level - Energy Efficient	Silver	Gold	Gold	Gold
Acoustics (max. dB)		22	42.2	43
Dimensions (W x D x H)		23.00" x 10.00" x 19.9"	22.65" x 2.50" x 15.47"	22.3" x 8.3" x 21.6"
Weight (.lbs.)		20.72	17.97	25.78
Chassis Lock & Cable Loop		Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE				
Chassis				
BIOS Configuration	Boot to Network, Boot to Optical	Boot to Network	Boot to Network	
Operating System				
RAM	8GB non-ECC, 16GB non-ECC	8GB non-ECC, 16GB non-ECC	8GB non-ECC, 16GB non-ECC	8GB non-ECC, 16GB non-ECC
Flash Drive				
Hard Disk	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive	
Solid State Drive	128GB, 160GB, 256GB, 300GB, 512GB	128GB, 180GB, 256GB, 512GB	128GB, 256GB, 512GB	128GB, 256GB, 512GB
Removable Storage	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	8x DVD+/-RW, SATA w/o DVD Playback Software	8x DVD+/-RW, SATA w/o DVD Playback Software	
Web Camera	Integrated	Yes	Included in Base Configuration	Included in Base Configuration
Video Graphics	AMD or nVidia w/2GB Discrete AMD or nVidia w/4GB Discrete		AMD Radeon R7 A370 w/2GB	
Wireless Interface	802.11 a/b/g/n	Intel 8260 802.11 a/b/g/n/AC	Intel 8260 802.11 a/b/g/n/AC	
Bluetooth Interface	4	802.11 a/b/g/n/AC + Bluetooth 4	Included with Wireless Interface	
Security	Intel vPro	Included in Base Configuration	Intel vPro	
Warranty - Additional Years	1Yr., 2Yrs., 3Yrs.	1Yr.	1Yr.	1Yr.
Security - ComputTrace BIOS Tracking	4Yrs., 5Yrs., 6Yrs.		3Yr., 4Yrs., 5Yrs.	3Yr., 4Yrs., 5Yrs.
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME				
Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	USB to DVI/VGA USB to HDMI	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)				
Mounting Bracket (Ultra-Small Form Factor)				

CONFIGURATION 4 PERFORMANCE ALL-IN-ONE COMPARISON



Make Model	BASE SPECIFICATIONS	DELL OPTIPLEX 7440	LENOVO THINKCENTRE M900Z	HP ELITEONE 800 G2
Contract Cost		\$1,004.25	\$1,060.01	\$1,129.55
Model /Chassis Type	Integrated w/Monitor	Integrated w/Monitor	Integrated w/Monitor	Integrated w/Monitor
Display Size	23 Inch Touchscreen	23 Inch WLED HD Touchscreen	23.8 Inch Touchscreen	23 Inch Touchscreen
Processor	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s
BIOS Configuration	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive
Operating System	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS
RAM	8GB DDR4 non-ECC	8GB DDR4 non-ECC	8GB DDR4 non-ECC	8GB DDR4 non-ECC
Hard Disk	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s
Removable Storage	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	8x DVD+/-RW, SATA w/o DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	8x DVD-ROM, SATA w/o DVD Playback Software
Video Graphics	AMD or nVidia w/2GB Discrete	AMD Radeon R7 A370 w/2GB	Intel® Graphics Media Accelerator HD	AMD Radeon R9 360 w/2GB
Sound	High Definition Audio	Realtek ALC3661	High Definition Audio	High Definition Audio
Network Interface	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000
VDI Protocols				
Energy Efficient Power Supply	Yes	80 Plus Platinum Certification	Yes	Yes
Mouse	USB 2-Button Optical w/Scroll	Dell MS116 Wired	Optical Mouse USB	Mouse USB
Keyboard	Standard Keyboard	Dell KB216 Wired	Fullsize USB	Business Slim USB
Warranty	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive
Web Camera		Integrated	Upgrade Option	Integrated
RAM Maximum		16GB DDR4 non-ECC	32GB DDR4 non-ECC	32GB DDR4 non-ECC
DIMM Slots		2	2	2
PCI Slots Total		2	1	
Media Card Slots		4-in-1		
SATA Port				
USB Ports - Front (2.0 / 3.0)		0 / 2	0 / 4	0 / 3
USB Ports - Rear (2.0 / 3.0)		2 / 4	0 / 2	0 / 4
Firewire Port				
Parallel Port (Bi-Direct.)				
Serial Port (9pin, 16550)				
VGA Out				
DVI Out				
HDMI Out		Yes		
Display Port Out		Yes	Yes	
Stereo line-in Connection		Yes	Yes	
Microphone-in Connection		Yes	Yes	Yes
Speakers/line-out Connection		Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)		87	210	33.8
Power Save/Sleep Mode - Energy Efficient (Watts)		1.6	150	1.37
EnergyStar Level - Energy Efficient	4	6	6.1	5
ePEAT Level - Energy Efficient	Silver	Gold	Gold	Gold
Acoustics (max. dB)		42.2	22	43
Dimensions (W x D x H)		22.65" x 2.50" x 15.47"	23.00" x 10.00" x 19.9"	22.3" x 8.3" x 21.6"
Weight (.lbs.)		17.97	20.72	25.78
Chassis Lock & Cable Loop		Yes	Yes	Yes

UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE

Chassis				
BIOS Configuration	Boot to Network, Boot to Optical	Boot to Network	Boot to Network	
Operating System				
RAM	16GB non-ECC	16GB DDR4 non-ECC	16GB non-ECC	16GB non-ECC
Flash Drive				
Hard Disk	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive	
Solid State Drive	128GB, 160GB, 256GB, 300GB, 512GB	128GB, 256GB, 512GB	128GB, 180GB, 256GB, 512GB	128GB, 256GB, 512GB
Removable Storage				
Web Camera	Integrated	Included in Base Configuration	Yes	Included in Base Configuration
Video Graphics	AMD or nVidia w/4GB Discrete			
Wireless Interface	802.11 a/b/g/n	Intel 8260 802.11 a/b/g/n/AC	Intel 8260 802.11 a/b/g/n/AC	
Bluetooth Interface	4	Included with Wireless Interface	802.11 a/b/g/n/AC + Bluetooth 4	
Security	Intel vPro	Intel vPro	Included in Base Configuration	
Warranty - Additional Years	1Yr., 2Yrs., 3Yrs.	1Yr.	1Yr.	1Yr.
Security - ComputTrace BIOS Tracking	4Yrs., 5Yrs., 6Yrs.	3Yr., 4Yrs., 5Yrs.		3Yr., 4Yrs., 5Yrs.

ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME

Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	USB to DVI/VGA USB to HDMI	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)				
Mounting Bracket (Ultra-Small Form Factor)				

CONFIGURATION 5 BUSINESS COMPUTER COMPARISON



Make Model	BASE SPECIFICATIONS	LENOVO	DELL	HP
Contract Cost		THINKCENTRE M700	OPTIPLEX 7040	PRODESK 600 G2
Model /Chassis Type	Mini Tower	Mini Tower	Mini Tower	Mini Tower
Display Size				
Processor	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s
BIOS Configuration	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive
Operating System	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS
RAM	4GB DDR4 non-ECC	4GB DDR4 non-ECC	4GB DDR4 non-ECC	4GB DDR4 non-ECC
Hard Disk	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s
Removable Storage	16x DVD-ROM, SATA w/DVD Playback Software	16x DVD-ROM, SATA w/DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software
Video Graphics	Intel® Graphics Media Accelerator HD (Dual Monitor Capable)	Intel® Graphics Media Accelerator HD (Dual Monitor Capable)	Intel® Graphics Media Accelerator HD (Dual Monitor Capable)	Intel® HD Graphics 530 (Dual Monitor Capable)
Sound	High Definition Audio	High Definition Audio	Realtek ALC3661	High Definition Audio
Network Interface	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000
VDI Protocols				
Energy Efficient Power Supply	Yes	Yes	80 Plus Bronze Certification	Yes
Mouse	USB 2-Button Optical w/Scroll	Optical USB	Dell MS116 Wired	Mouse USB
Keyboard	Standard Keyboard	Fullsize USB	Dell KB216 Wired	Business Slim USB
Warranty	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive
Web Camera				
RAM Maximum		32GB DDR4 non-ECC	32GB DDR4 non-ECC	64GB DDR4 non-ECC
DIMM Slots		2	4	4
PCI Slots Total		3	5	4
Media Card Slots				
SATA Port				
USB Ports - Front (2.0 / 3.0)		2 / 0	2 / 2	2 / 2
USB Ports - Rear (2.0 / 3.0)		2 / 2	2 / 4	2 / 4
Firewire Port				
Parallel Port (Bi-Direct.)				
Serial Port (9pin, 16550)		Yes	Yes	Yes
VGA Out		Yes		Yes
DVI Out				
HDMI Out			Yes	
Display Port Out		Yes	Yes, 2	Yes, 2
Stereo line-in Connection		Yes	Yes	
Microphone-in Connection		Yes	Yes	Yes
Speakers/line-out Connection		Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)		400	87	19.3
Power Save/Sleep Mode - Energy Efficient (Watts)		180	2.5	2.36
EnergyStar Level - Energy Efficient	4	6.1	6	5
ePEAT Level - Energy Efficient	Silver	Gold	Platinum	Gold
Acoustics (max. dB)		26	46.8	18
Dimensions (W x D x H)		6.3" x 14.96" x 14.01"	6.1" x 10.8" x 13.8"	6.7" x 14" x 14.1"
Weight (.lbs.)		27.5	17.62	16.2
Chassis Lock & Cable Loop		Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE				
Chassis	Desktop, Small Form Factor, Ultra Small Form Factor	Small Form Factor, Ultra Small Form Factor	Small Form Factor, Ultra Small Form Factor	Desktop, Small Form Factor, Ultra Small Form Factor
BIOS Configuration	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	
Operating System				
RAM	8GB non-ECC, 16GB non-ECC	8GB non-ECC, 16GB non-ECC	8GB non-ECC, 16GB non-ECC	8GB non-ECC, 16GB non-ECC
Flash Drive				
Hard Disk	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive
Solid State Drive	128GB, 160GB, 256GB, 300GB, 512GB	128GB, 180GB, 256GB, 512GB	128GB, 256GB, 512GB	128GB, 256GB
Removable Storage	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	8x DVD+/-RW, SATA w/DVD Playback/Recording Software	
Web Camera				
Video Graphics	AMD or nVidia w/2GB Discrete AMD or nVidia w/4GB Discrete	nVidia GT720 w/2GB	AMD Radeon R5 340X w/2GB	AMD Radeon R9 250 w/2GB
Wireless Interface	802.11 a/b/g/n	802.11 a/b/g/n/AC	802.11 a/b/g/n	802.11 a/b/g/n/AC
Bluetooth Interface	4	4	Included in Base Configuration	
Security	Intel vPro	Included in Base Configuration	Intel vPro	
Warranty - Additional Years	1Yr., 2Yrs., 3Yrs.	1Yr.	1Yr.	1Yr.
Security - ComputTrace BIOS Tracking	4Yrs., 5Yrs., 6Yrs.		3Yrs., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME				
Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle		DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software
Mounting Bracket (Ultra-Small Form Factor)	Mounting Bracket		Mounting Bracket	Mounting Bracket

CONFIGURATION 6 PERFORMANCE COMPUTER COMPARISON



Make Model	BASE SPECIFICATIONS	LENOVO THINKCENTRE M700	DELL OPTIPLEX 7040	HP PRODESK 600 G2
Contract Cost		\$702.01	\$719.97	\$769.52
Model /Chassis Type	Mini Tower	Mini Tower	Mini Tower	Mini Tower
Display Size	Not Applicable			
Processor	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s
BIOS Configuration	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive
Operating System	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS
RAM	8GB DDR4 non-ECC	8GB DDR4 non-ECC	8GB DDR4 non-ECC	8GB DDR4 non-ECC
Hard Disk	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s
Removable Storage	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD-ROM, SATA w/DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software
Video Graphics	AMD or nVidia w/2GB Discrete (Dual Monitor Capable)	nVidia GT720 w/2GB (Dual Monitor Capable)	AMD Radeon R5 340X w/2GB (Dual Monitor Capable)	nVidia GT730 w/2GB (Dual Monitor Capable)
Sound	High Definition Audio	High Definition Audio	Realtek ALC3661	High Definition Audio
Network Interface	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000
VDI Protocols	Not Applicable			
Energy Efficient Power Supply	Yes	Yes	80 Plus Bronze Certification	Yes
Mouse	USB 2-Button Optical w/Scroll	Optical USB	Dell MS116 Wired	Mouse USB
Keyboard	Standard Keyboard	Fullsize USB	Dell KB216 Wired	Business Slim USB
Warranty	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive
Web Camera				
RAM Maximum		32GB DDR4 non-ECC	32GB DDR4 non-ECC	64GB DDR4 non-ECC
DIMM Slots		2	4	4
PCI Slots Total		3	5	4
Media Card Slots				
SATA Port				
USB Ports - Front (2.0 /3.0)		2 / 0	2 / 2	2 / 2
USB Ports - Rear (2.0 /3.0)		2 / 2	2 / 4	2 / 4
Firewire Port				
Parallel Port (Bi-Direct.)				
Serial Port (9pin, 16550)		Yes	Yes	Yes
VGA Out		Yes		Yes
DVI Out				
HDMI Out			Yes	
Display Port Out		Yes	Yes, 2	Yes, 2
Stereo line-in Connection		Yes	Yes	
Microphone-in Connection		Yes	Yes	Yes
Speakers/line-out Connection		Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)		400	87	19.3
Power Save/Sleep Mode - Energy Efficient (Watts)		180	2.5	2.36
EnergyStar Level - Energy Efficient	4	6.1	6	5
ePEAT Level - Energy Efficient	Silver	Gold	Platinum	Gold
Acoustics (max. dB)		26	46.8	18
Dimensions (W x D x H)		6.3" x 14.96" x 14.01"	6.1" x 10.8" x 13.8"	6.7" x 14" x 14.1"
Weight (lbs.)		27.5	17.62	16.2
Chassis Lock & Cable Loop		Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE				
Chassis	Desktop, Small Form Factor, Ultra Small Form Factor	Small Form Factor, Ultra Small Form Factor	Small Form Factor, Ultra Small Form Factor	Desktop, Small Form Factor, Ultra Small Form Factor
BIOS Configuration	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	
Operating System				
RAM	16GB non-ECC	16GB non-ECC	16GB non-ECC	16GB non-ECC
Flash Drive	32GB, 64GB			
Hard Disk	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive
Solid State Drive	128GB, 160GB, 256GB, 300GB, 512GB	128GB, 180GB, 256GB, 512GB	128GB, 256GB, 512GB	128GB, 256GB
Removable Storage		16x DVD+/-RW, SATA w/DVD Playback/Recording Software		
Web Camera	Integrated			
Video Graphics	AMD or nVidia w/2GB Discrete AMD or nVidia w/4GB Discrete			AMD Radeon R9 250 w/2GB
Wireless Interface	802.11 a/b/g/n	802.11 a/b/g/n/AC	802.11 a/b/g/n	802.11 a/b/g/n/AC
Bluetooth Interface	4	4	Included in Base Configuration	
Security	Intel vPro	Included in Base Configuration	Intel vPro	
Warranty - Additional Years	1Yr., 2Yrs., 3Yrs.	1Yr.	1Yr.	1Yr.
Security - ComputTrace BIOS Tracking	4Yrs., 5Yrs., 6Yrs.		3Yrs., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME				
Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle		DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software
Mounting Bracket (Ultra-Small Form Factor)	Mounting Bracket		Mounting Bracket	Mounting Bracket

CONFIGURATION 7 BUSINESS WORKSTATION COMPARISON



Make Model	BASE SPECIFICATIONS	DELL PRECISION 7810	HP Z440	LENOVO THINKSTATION P700
Contract Cost		\$1,565.60	\$1,736.08	\$2,150.51
Model /Chassis Type	Tower	Tower	Tower	Tower
Display Size				
Processor	Intel® Xeon™ E5-2630 v3 2.40GHz, 20M, 8 Core, 16 Thread, 8GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2630 v3 2.40GHz, 20M, 8 Core, 16 Thread, 8GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2630 v3 2.40GHz, 20M, 8 Core, 16 Thread, 8GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2630 v3 2.40GHz, 20M, 8 Core, 16 Thread, 8GT/s (Dual Processor Capable)
BIOS Configuration	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive
Operating System	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit
RAM	16GB DDR4 ECC	16GB DDR4 ECC	16GB DDR4 ECC	16GB DDR4 ECC
Hard Disk	1TB SATA 6.0Gb/s	1TB SATA 6.0Gb/s	1TB SATA 6.0Gb/s	1TB SATA 6.0Gb/s
Removable Storage	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software
Video Graphics	AMD or nVidia w/2GB Discrete (Dual Monitor Capable)	nVidia Quadro K620 w/2GB (Dual Monitor Capable)	AMD FirePro W2100 w/2GB (Dual Monitor Capable)	nVidia Quadro K620 w/2GB (Dual Monitor Capable)
Sound	High Definition Audio	Realtek ALC3661	Realtek ALC221	High Definition Audio
Network Interface	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000
VDI Protocols				
Energy Efficient Power Supply	Yes	90% Efficiency	Yes	Yes
Mouse	USB 2-Button Optical w/Scroll	Dell MS116 Wired	Mouse USB	Optical USB
Keyboard	Standard Keyboard	Dell KB212 Wired	Business Slim USB	Fullsize USB
Warranty	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive
Web Camera				
RAM Maximum		128GB DDR4 ECC	128GB DDR4 ECC	384GB DDR4 ECC
DIMM Slots		8	8	12
PCI Slots Total		6	6	6
Media Card Slots				Yes
SATA Port				
USB Ports - Front (2.0 / 3.0)		3 / 1	0 / 4	0 / 4
USB Ports - Rear (2.0 / 3.0)		3 / 3	2 / 4	4 / 4
Firewire Port				
Parallel Port (Bi-Direct.)				
Serial Port (9pin, 16550)		Yes		Yes
VGA Out				
DVI Out				
HDMI Out				
Display Port Out		Yes, 2	Yes, 2	Yes, 2
Stereo line-in Connection		Yes	Yes	Yes
Microphone-in Connection		Yes	Yes	Yes
Speakers/line-out Connection		Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)		267	Not Available	382
Power Save/Sleep Mode - Energy Efficient (Watts)		7	15	97
EnergyStar Level - Energy Efficient	4	Not Available	5	6
ePEAT Level - Energy Efficient	Silver	Gold	Gold	Gold
Acoustics (max. dB)		44.4	27	40
Dimensions (W x D x H)		16.3" x 6.8" x 18.5"	17.4" x 6.8" x 17.0"	17.3" x 6.9" x 18.5"
Weight (.lbs.)		34.6	29.8	52.25
Chassis Lock & Cable Loop		Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE				
Chassis				
BIOS Configuration	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical		Boot to Network, Boot to Optical
Operating System				
RAM	32GB DDR4 ECC	32GB DDR4 ECC	32GB DDR4 ECC	32GB DDR4 ECC
Flash Drive				
Hard Disk	2TB SATA 6.0Gb/s Hard Drive	2TB SATA 6.0Gb/s Hard Drive	2TB SATA 6.0Gb/s Hard Drive	2TB SATA 6.0Gb/s Hard Drive
Solid State Drive	256GB, 300GB, 512GB	256GB, 512GB	256GB, 512GB	256GB
Removable Storage				
Web Camera				
Video Graphics	AMD or nVidia w/4GB Discrete	nVidia Quadro K620 w/4GB	AMD FirePro W5100 w/4GB	nVidia Quadro K2200 w/4GB
Wireless Interface	802.11 a/b/g/n			
Bluetooth Interface	4			
Security	Intel vPro	Intel vPro		Included in Base Configuration
Warranty - Additional Years	1Yr., 2Yrs., 3Yrs.	1Yr.	1Yr.	1Yr.
Security - ComputTrace BIOS Tracking	4Yrs., 5Yrs., 6Yrs.	3Yrs., 4Yrs., 5Yrs.		
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME				
Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)				
Mounting Bracket (Ultra-Small Form Factor)				









CONFIGURATION 8 PERFORMANCE WORKSTATION COMPARISON



Make Model	BASE SPECIFICATIONS	DELL PRECISION 7810	LENOVO THINKSTATION P700	HP Z640
Contract Cost		\$2,389.60	\$2,750.01	\$3,252.79
Model /Chassis Type	Tower	Tower	Tower	Tower
Display Size				
Processor	Intel® Xeon™ E5-2670 v3 2.30GHz, 30M, 12 Core, 24 Thread, 9.6GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2670 v3 2.30GHz, 30M, 12 Core, 24 Thread, 9.6GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2670 v3 2.3GHz, 30M, 12 Core, 24 Thread, 9.6GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2670 v3 2.3GHz, 30M, 12 Core, 24 Thread, 9.6GT/s (Dual Processor Capable)
BIOS Configuration	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive
Operating System	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS
RAM	32GB DDR3 ECC	32GB DDR4 ECC	32GB DDR4 ECC	32GB DDR4 ECC
Hard Disk	2TB SATA 6.0Gb/s	2TB SATA 6.0Gb/s	2TB SATA 6.0Gb/s	2TB SATA 6.0Gb/s
Removable Storage	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software
Video Graphics	AMD or nVidia w/2GB Discrete (Dual Monitor Capable)	nVidia Quadro K620 w/2GB (Dual Monitor Capable)	nVidia Quadro K620 w/2GB (Dual Monitor Capable)	AMD FirePro W2100 w/2GB (Dual Monitor Capable)
Sound	High Definition Audio	Realtek ALC3661	High Definition Audio	Realtek ALC221
Network Interface	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000
VDI Protocols				
Energy Efficient Power Supply	Yes	90% Efficiency	Yes	Yes
Mouse	USB 2-Button Optical w/Scroll	Dell MS116 Wired	Optical USB	Mouse USB
Keyboard	Standard Keyboard	Dell KB212 Wired	Fullsize USB	Business Slim USB
Warranty	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive
Web Camera				
RAM Maximum		128GB DDR4 ECC	384GB DDR4 ECC	256GB DDR4 ECC
DIMM Slots		8	12	8
PCI Slots Total		6	6	6
Media Card Slots			Yes	
SATA Port				
USB Ports - Front (2.0 / 3.0)		3 / 1	0 / 4	0 / 4
USB Ports - Rear (2.0 / 3.0)		3 / 3	4 / 4	2 / 4
Firewire Port				
Parallel Port (Bi-Direct.)				
Serial Port (9pin, 16550)		Yes	Yes	
VGA Out				
DVI Out				
HDMI Out				
Display Port Out		Yes, 2	Yes, 2	Yes, 2
Stereo line-in Connection		Yes	Yes	Yes
Microphone-in Connection		Yes	Yes	Yes
Speakers/line-out Connection		Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)		267	382	Not Available
Power Save/Sleep Mode - Energy Efficient (Watts)		7	97	15
EnergyStar Level - Energy Efficient	4	Not Available	6	5
ePEAT Level - Energy Efficient	Silver	Gold	Gold	Gold
Acoustics (max. dB)		44.4	40	31
Dimensions (W x D x H)		16.3" x 6.8" x 18.5"	17.3" x 6.9" x 18.5"	17.4" x 6.65" x 17.0"
Weight (.lbs.)		34.6	52.25	29.8
Chassis Lock & Cable Loop		Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE				
Chassis				
BIOS Configuration	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	
Operating System				
RAM				
Flash Drive				
Hard Disk				
Solid State Drive	512GB	512GB		512GB
Removable Storage				
Web Camera				
Video Graphics	AMD or nVidia w/4GB Discrete	nVidia Quadro K620 w/4GB	nVidia Quadro K2200 w/4GB	AMD FirePro W5100 w/4GB
Wireless Interface	802.11 a/b/g/n			
Bluetooth Interface	4			
Security	Intel vPro	Intel vPro	Included in Base Configuration	
Warranty - Additional Years	1Yr., 2Yrs., 3Yrs.	1Yr.	1Yr.	1Yr.
Security - ComputTrace BIOS Tracking	4Yrs., 5Yrs., 6Yrs.	3Yrs., 4Yrs., 5Yrs.		
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME				
Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)				
Mounting Bracket (Ultra-Small Form Factor)				









DELL COMPUTERS

**EnPointe
Technologies
MA-IS-1740018**

	CONFIGURATION 1 BUSINESS THIN CLIENT	CONFIGURATION 2 PERFORMANCE THIN CLIENT	CONFIGURATION 3 BUSINESS ALL-IN-ONE	CONFIGURATION 4 PERFORMANCE ALL-IN-ONE	CONFIGURATION 5 BUSINESS COMPUTER	CONFIGURATION 6 PERFORMANCE COMPUTER	CONFIGURATION 7 BUSINESS WORKSTATION	CONFIGURATION 8 PERFORMANCE WORKSTATION
								
Model	WYSE 5010	WYSE 7010	OPTIPLEX 7440	OPTIPLEX 7440	OPTIPLEX 7040	OPTIPLEX 7040	PRECISION 7810	PRECISION 7810
Contract Cost	\$253.90	\$360.86	\$829.15	\$1,004.25	\$540.75	\$719.97	\$1,565.60	\$2,389.60
Model /Chassis Type	Brick	Brick	Integrated w/Monitor	Integrated w/Monitor	Mini Tower	Mini Tower	Tower	Tower
Display Size			23 Inch WLED HD Touchscreen	23 Inch WLED HD Touchscreen				
Processor	AMD G-T48E 1.4GHz Dual Core	AMD G-T56N 1.65GHz Dual Core	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® Xeon™ E5-2630 v3 2.40GHz, 20M, 8 Core, 16 Thread, 8GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2670 v3 2.3GHz, 30M, 12 Core, 24 Thread, 9.6GT/s (Dual Processor Capable)
BIOS Configuration	Boot to Flash	Boot to Flash	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive
Operating System	ThinOS	ThinOS	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit	Windows 7 Pro 64Bit w/NTFS Includes license for Win 10 Pro 64Bit
RAM	4GB DDR3 non-ECC	4GB DDR3 non-ECC	4GB DDR4 non-ECC	8GB DDR4 non-ECC	4GB DDR4 non-ECC	8GB DDR4 non-ECC	16GB DDR4 ECC	32GB DDR4 ECC
Hard Disk	16GB Flash	32GB Flash	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	1TB SATA 6.0Gb/s	2TB SATA 6.0Gb/s
Removable Storage			8x DVD-ROM, SATA w/o DVD Playback Software	8x DVD+/-RW, SATA w/o DVD Playback/Recording Software	8x DVD-ROM, SATA w/o DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software
Video Graphics	Radeon HD 6250 (Dual Monitor @ 1920 x 1200)	AMD Radeon HD 6250 (Dual Monitor @ 1900 x 1200)	Intel® Graphics Media Accelerator HD	AMD Radeon R7 A370 w/2GB	Intel® Graphics Media Accelerator HD (Dual Monitor Capable)	AMD Radeon R5 340X w/2GB (Dual Monitor Capable)	nVidia Quadro K620 w/2GB (Dual Monitor Capable)	nVidia Quadro K620 w/2GB (Dual Monitor Capable)
Sound	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)	Realtek ALC3661	Realtek ALC3661	Realtek ALC3661	Realtek ALC3661	Realtek ALC3661	Realtek ALC3661
Network Interface	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000
VDI Protocols	PCoIP, RDP, HDX, RemoteX, vWorkspace	PCoIP, RDP, HDX, RemoteX						
Energy Efficient Power Supply			80 Plus Bronze Certification	80 Plus Platinum Certification	80 Plus Bronze Certification	80 Plus Bronze Certification	90% Efficiency	90% Efficiency
Mouse	USB Optical Mouse w/Scroll	USB Optical Mouse w/Scroll	Dell MS116 Wired	Dell MS116 Wired	Dell MS116 Wired	Dell MS116 Wired	Dell MS116 Wired	Dell MS116 Wired
Keyboard	Enhanced USB Keyboard	Enhanced USB Keyboard	Dell KB216 Wired	Dell KB216 Wired	Dell KB216 Wired	Dell KB216 Wired	Dell KB216 Wired	Dell KB216 Wired
Warranty	3 Year Depot Service	3 Year Depot Service	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive
Web Camera			Integrated	Integrated				
RAM Maximum	16GB DDR3 non-ECC	16GB DDR3 non-ECC	16GB DDR4 non-ECC	16GB DDR4 non-ECC	32GB DDR4 non-ECC	32GB DDR4 non-ECC	128GB DDR4 ECC	128GB DDR4 ECC
DIMM Slots	2	2	2	2	4	4	8	8
PCI Slots Total			2	2	5	5	6	6
Media Card Slots			4-in-1	4-in-1				
SATA Port	1	1						
USB Ports - Front (2.0 / 3.0)	2 / 0	2 / 0	0 / 2	0 / 2	2 / 2	2 / 2	3 / 1	3 / 1
USB Ports - Rear (2.0 / 3.0)	2 / 0	0 / 2	2 / 4	2 / 4	2 / 4	2 / 4	3 / 3	3 / 3
Firewire Port								
Parallel Port (Bi-Direct.)								
Serial Port (9pin, 16550)					Yes	Yes	Yes	Yes
VGA Out								
DVI Out	Yes	Yes						
HDMI Out			Yes	Yes	Yes	Yes		
Display Port Out	Yes	Yes	Yes	Yes	Yes, 2	Yes, 2	Yes, 2	Yes, 2
Stereo line-in Connection			Yes	Yes	Yes	Yes	Yes	Yes
Microphone-in Connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speakers/line-out Connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)	9	18	87	87	87	87	267	267
Power Save/Sleep Mode - Energy Efficient (Watts)	3	9	1.6	1.6	2.5	2.5	7	7
EnergyStar Level - Energy Efficient	5	5	6	6	6	6	Not Available	Not Available
ePEAT Level - Energy Efficient	Silver	Silver	Gold	Gold	Platinum	Platinum	Gold	Gold
Acoustics (max. dB)	Unavailable	Unavailable	42.2	42.2	46.8	46.8	44.4	44.4
Dimensions (W x D x H)		1.85" x 8.86" x 7.87"	22.65" x 2.50" x 15.47"	22.65" x 2.50" x 15.47"	6.1" x 10.8" x 13.8"	6.1" x 10.8" x 13.8"	16.3" x 6.8" x 18.5"	16.3" x 6.8" x 18.5"
Weight (.lbs.)	2.05	2.42	17.97	17.97	17.62	17.62	34.6	34.6
Chassis Lock & Cable Loop	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE								
Chassis					Small Form Factor, Ultra Small Form Factor	Small Form Factor, Ultra Small Form Factor		
BIOS Configuration			Boot to Network	Boot to Network	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical
Operating System	Windows Embedded 7 (32bit)	Windows Embedded 7 (32bit)						
RAM	8GB DDR3 non-ECC	8GB DDR3 non-ECC	8GB non-ECC, 16GB non-ECC	16GB DDR4 non-ECC	8GB non-ECC, 16GB non-ECC	16GB non-ECC	32GB DDR4 ECC	
Flash Drive	32GB							
Hard Disk			1TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	2TB SATA 6.0Gb/s Hard Drive	
Solid State Drive			128GB, 256GB, 512GB	128GB, 256GB, 512GB			256GB, 512GB	512GB
Removable Storage - 16x DVD+/-RW, SATA w/DVD Playback/Recording Software			8x DVD+/-RW, SATA w/o DVD Playback Software		8x DVD+/-RW, SATA w/DVD Playback/Recording Software			
Web Camera			Included in Base Configuration	Included in Base Configuration				
Video Graphics			AMD Radeon R7 A370 w/2GB		AMD Radeon R5 340X w/2GB		nVidia Quadro K620 w/4GB	nVidia Quadro K620 w/4GB
Wireless Interface (802.11 a/b/g/n)	802.11 a/b/g/n	802.11 a/b/g/n	Intel 8260 802.11 a/b/g/n/AC	Intel 8260 802.11 a/b/g/n/AC		802.11 a/b/g/n		
Bluetooth Interface	Included with Wireless Interface	Included with Wireless Interface	Included with Wireless Interface	Included with Wireless Interface	Included in Base Configuration	Included in Base Configuration		
Security - Intel vPro			Intel vPro	Intel vPro	Intel vPro	Intel vPro	Intel vPro	Intel vPro
Warranty - Additional Years	1Yr., 2Yrs.	1Yr., 2Yrs.	1Yr.	1Yr.	1Yr.	1Yr.	1Yr.	1Yr.
Security - ComputTrace BIOS Tracking			3Yrs., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME								
Video Adapter	Display Port to VGA Dongle	Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)					16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software		
Mounting Bracket (Ultra-Small Form Factor)	Wall	Wall			Mounting Bracket	Mounting Bracket		









HP COMPUTERS

**Golden Star
Technology
MA-IS-1740019**

	CONFIGURATION 1 BUSINESS THIN CLIENT	CONFIGURATION 2 PERFORMANCE THIN CLIENT	CONFIGURATION 3 BUSINESS ALL-IN-ONE	CONFIGURATION 4 PERFORMANCE ALL-IN-ONE	CONFIGURATION 5 BUSINESS COMPUTER	CONFIGURATION 6 PERFORMANCE COMPUTER	CONFIGURATION 7 BUSINESS WORKSTATION	CONFIGURATION 8 PERFORMANCE WORKSTATION	
									
Model	T620	T620	ELITEONE 800 G2	ELITEONE 800 G2	PRODESK 600 G2	PRODESK 600 G2	Z440	Z640	
Contract Cost	\$290.45	\$301.32	\$949.30	\$1,129.55	\$582.86	\$769.52	\$1,736.08	\$3,252.79	
Model /Chassis Type	Brick	Brick	Integrated w/Monitor	Integrated w/Monitor	Mini Tower	Mini Tower	Tower	Tower	
Display Size			23 Inch Touchscreen	23 Inch Touchscreen					
Processor	AMD GX-415GA 1.5GHz Quad Core	AMD GX-415GA 1.5GHz Quad Core	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® Xeon™ E5-2630 v3 2.40GHz, 20M, 8 Core, 16 Thread, 8GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2670 v3 2.3GHz, 30M, 12 Core, 24 Thread, 9.6GT/s (Dual Processor Capable)	
BIOS Configuration	Boot to Flash	Boot to Flash	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	
Operating System	ThinPro	ThinPro	Windows 10 Pro 64Bit w/NTFS	Windows 10 Pro 64Bit w/NTFS	Windows 10 Pro 64Bit w/NTFS	Windows 10 Pro 64Bit w/NTFS	Windows 10 Pro 64Bit w/NTFS	Windows 10 Pro 64Bit w/NTFS	
RAM	4GB DDR3 non-ECC	4GB DDR3 non-ECC	4GB DDR4 non-ECC	8GB DDR4 non-ECC	4GB DDR4 non-ECC	8GB DDR4 non-ECC	16GB DDR4 ECC	32GB DDR4 ECC	
Hard Disk	16GB Flash	32GB Flash	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	1TB SATA 6.0Gb/s	2TB SATA 6.0Gb/s	
Removable Storage			8x DVD-ROM, SATA w/o DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software	8x DVD-ROM, SATA w/o DVD Playback Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software	
Video Graphics	HD Graphics (Dual Monitor @ 2560 x 1600)	HD Graphics (Dual Monitor @ 2560 x 1600)	Intel® HD Graphics 530	AMD Radeon R9 360 w/2GB	Intel® HD Graphics 530 (Dual Monitor Capable)	nVidia GT730 w/2GB (Dual Monitor Capable)	AMD FirePro W2100 w/2GB (Dual Monitor Capable)	AMD FirePro W2100 w/2GB (Dual Monitor Capable)	
Sound	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)	High Definition Audio	High Definition Audio	High Definition Audio	High Definition Audio	Realtek ALC221	Realtek ALC221	
Network Interface	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	
VDI Protocols	PCoIP, RDP, HDX, RemoteX	PCoIP, RDP, HDX, RemoteX							
Energy Efficient Power Supply			Yes	Yes	Yes	Yes	Yes	Yes	
Mouse	Optical USB	Optical USB	Mouse USB	Mouse USB	Mouse USB	Mouse USB	Mouse USB	Mouse USB	
Keyboard	Standard USB	Standard USB	Business Slim USB	Business Slim USB	Business Slim USB	Business Slim USB	Business Slim USB	Business Slim USB	
Warranty	3 Year Depot Service	3 Year Depot Service	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	
Web Camera			Integrated	Integrated					
RAM Maximum	16GB DDR3 non-ECC	16GB DDR3 non-ECC	32GB DDR4 non-ECC	32GB DDR4 non-ECC	64GB DDR4 non-ECC	64GB DDR4 non-ECC	128GB DDR4 ECC	256GB DDR4 ECC	
DIMM Slots	2	2	2	2	4	4	8	8	
PCI Slots Total					4	4	6	6	
Media Card Slots									
SATA Port	1	1							
USB Ports - Front (2.0 / 3.0)	2 / 2	2 / 2	0 / 3	0 / 3	2 / 2	2 / 2	0 / 4	0 / 4	
USB Ports - Rear (2.0 / 3.0)	2 / 0	2 / 0	0 / 4	0 / 4	2 / 4	2 / 4	2 / 4	2 / 4	
Firewire Port									
Parallel Port (Bi-Directional)									
Serial Port (9pin, 16550)					Yes	Yes			
VGA Out					Yes	Yes			
DVI Out									
HDMI Out									
Display Port Out	Yes, 2	Yes, 2			Yes, 2	Yes, 2	Yes, 2	Yes, 2	
Stereo line-in Connection							Yes	Yes	
Microphone-in Connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Speakers/line-out Connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Active/Operating - Energy Efficient (Watts)	2	2	33.8	33.8	19.3	19.3	Not Available	Not Available	
Power Save/Sleep Mode - Energy Efficient (Watts)	0.74	0.74	1.37	1.37	2.36	2.36	15	15	
EnergyStar Level - Energy Efficient	5	5	5	5	5	5	5	5	
ePEAT Level - Energy Efficient	Gold	Gold	Gold	Gold	Gold	Gold	Gold	Gold	
Acoustics (max. dB)	Unavailable	Unavailable	43	43	18	18	27	31	
Dimensions (W x D x H)	1.6" x 9.5" x 8.7"	1.6" x 9.5" x 8.7"	22.3" x 8.3" x 21.6"	22.3" x 8.3" x 21.6"	6.7" x 14" x 14.1"	6.7" x 14" x 14.1"	17.4" x 6.8" x 17.0"	17.4" x 6.65" x 17.0"	
Weight (lbs.)	3	3	25.78	25.78	16.2	16.2	29.8	29.8	
Chassis Lock & Cable Loop	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE									
Chassis					Desktop, Small Form Factor, Ultra Small Form Factor	Desktop, Small Form Factor, Ultra Small Form Factor			
BIOS Configuration									
Operating System	Windows Embedded 8 (64bit)	Windows Embedded 8 (64bit)							
RAM			8GB non-ECC, 16GB non-ECC	16GB non-ECC	8GB non-ECC, 16GB non-ECC	16GB non-ECC	32GB DDR4 ECC		
Flash Drive	32GB	32GB							
Hard Disk					1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	2TB SATA 6.0Gb/s Hard Drive		
Solid State Drive			128GB, 256GB, 512GB	128GB, 256GB, 512GB	128GB, 256GB	128GB, 256GB	256GB, 512GB	256GB, 512GB	
Removable Storage - 16x DVD+/-RW, SATA w/DVD Playback/Recording Software									
Web Camera			Included in Base Configuration	Included in Base Configuration					
Video Graphics					AMD Radeon R9 250 w/2GB	AMD Radeon R9 250 w/2GB	AMD FirePro W5100 w/4GB	AMD FirePro W5100 w/4GB	
Wireless Interface (802.11 a/b/g/n)					802.11 a/b/g/n/AC	802.11 a/b/g/n/AC			
Bluetooth Interface									
Security - Intel vPro									
Warranty - Additional Years	1Yr., 2Yrs.	1Yr., 2Yrs.	1Yr.	1Yr.	1Yr.	1Yr.	1Yr.	1Yr.	
Security - Computrace BIOS Tracking			3Yr., 4Yrs., 5Yrs.	3Yr., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.	3Yrs., 4Yrs., 5Yrs.			
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME									
Video Adapter	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle	DVI to VGA Dongle HDMI to VGA Dongle Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)					16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software			
Mounting Bracket (Ultra-Small Form Factor)					Mounting Bracket	Mounting Bracket			

LENOVO COMPUTERS

**Technology
Integration Group
MA-IS-1740021**

	CONFIGURATION 1 BUSINESS THIN CLIENT	CONFIGURATION 2 PERFORMANCE THIN CLIENT	CONFIGURATION 3 BUSINESS ALL-IN-ONE	CONFIGURATION 4 PERFORMANCE ALL-IN-ONE	CONFIGURATION 5 BUSINESS COMPUTER	CONFIGURATION 6 PERFORMANCE COMPUTER	CONFIGURATION 7 BUSINESS WORKSTATION	CONFIGURATION 8 PERFORMANCE WORKSTATION
								
Model	THINKCENTRE M700	THINKCENTRE M700	THINKCENTRE M900Z	THINKCENTRE M900Z	THINKCENTRE M700	THINKCENTRE M700	THINKSTATION P700	THINKSTATION P700
Contract Cost	\$245.01	\$342.01	\$797.01	\$1,060.01	\$509.47	\$702.01	\$2,150.51	\$2,750.01
Model /Chassis Type	Brick	Brick	Integrated w/Monitor	Integrated w/Monitor	Mini Tower	Mini Tower	Tower	Tower
Display Size			23.8 Inch Touchscreen	23.8 Inch Touchscreen				
Processor	Intel® Celeron™ G3900T 2.60GHz, 2M, 2 Core, 2 Thread, 8GT/s	Intel® Celeron™ G3900T 2.60GHz, 2M, 2 Core, 2 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® i5™ 6500 3.20GHz, 6M, 4 Core, 4 Thread, 8GT/s	Intel® i7™ 6700 3.40GHz, 8M, 4 Core, 8 Thread, 8GT/s	Intel® Xeon™ E5-2630 v3 2.40GHz, 20M, 8 Core, 16 Thread, 8GT/s (Dual Processor Capable)	Intel® Xeon™ E5-2670 v3 2.3GHz, 30M, 12 Core, 24 Thread, 9.6GT/s (Dual Processor Capable)
BIOS Configuration	Boot to Flash	Boot to Flash	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive	Boot to Hard Disk Drive
Operating System	LeTOS	LeTOS	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit	Windows 10 Pro 64Bit w/NTFS Downgradable to Win 7 Pro 64Bit
RAM	4GB DDR3 non-ECC	4GB DDR3 non-ECC	4GB DDR4 non-ECC	8GB DDR4 non-ECC	4GB DDR4 non-ECC	8GB DDR4 non-ECC	16GB DDR4 ECC	32GB DDR4 ECC
Hard Disk	16GB Flash	16GB Flash	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	500GB SATA 6.0Gb/s	1TB SATA 6.0Gb/s	2TB SATA 6.0Gb/s
Removable Storage			16x DVD-ROM, SATA w/DVD Playback Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD-ROM, SATA w/DVD Playback Software	16x DVD-ROM, SATA w/DVD Playback Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software	16x DVD+/-RW, SATA w/o DVD Playback/Recording Software
Video Graphics	HD Graphics (Dual Monitor @ 1280 x 1024)	HD Graphics (Dual Monitor @ 1280 x 1024)	Intel® Graphics Media Accelerator HD	Intel® Graphics Media Accelerator HD	Intel® Graphics Media Accelerator HD (Dual Monitor Capable)	nVidia GT720 w/2GB (Dual Monitor Capable)	nVidia Quadro K620 w/2GB (Dual Monitor Capable)	nVidia Quadro K620 w/2GB (Dual Monitor Capable)
Sound	High Definition Audio (Full Duplex)	High Definition Audio (Full Duplex)	High Definition Audio	High Definition Audio	High Definition Audio	High Definition Audio	High Definition Audio	High Definition Audio
Network Interface	Gigabit LAN 10/100/1000	Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000	Intel® Gigabit LAN 10/100/1000
VDI Protocols	PCoIP, RDP, HDX, RemoteX	PCoIP, RDP, HDX, RemoteX						
Energy Efficient Power Supply			Yes	Yes	Yes	Yes	Yes	Yes
Mouse	Enhanced Optical USB	Enhanced Optical USB	Optical Mouse USB	Optical Mouse USB	Optical USB	Optical USB	Optical USB	Optical USB
Keyboard	Fullsize USB	Fullsize USB	Fullsize USB	Fullsize USB	Fullsize USB	Fullsize USB	Fullsize USB	Fullsize USB
Warranty	3 Year Onsite	3 Year Onsite	4 Year NBD Onsite Service Keep Your Hard Drive Upgrade Option	4 Year NBD Onsite Service Keep Your Hard Drive Upgrade Option	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive	4 Year NBD Onsite Service Keep Your Hard Drive
Web Camera								
RAM Maximum	8GB DDR3 non-ECC	8GB DDR3 non-ECC	32GB DDR4 non-ECC	32GB DDR4 non-ECC	32GB DDR4 non-ECC	32GB DDR4 non-ECC	384GB DDR4 ECC	384GB DDR4 ECC
DIMM Slots	2	2			2	2	12	12
PCI Slots Total			1	1	3	3	6	6
Media Card Slots							Yes	Yes
SATA Port								
USB Ports - Front (2.0/3.0)	0/2	0/2	0/4	0/4	2/0	2/0	0/4	0/4
USB Ports - Rear (2.0/3.0)	0/4	0/4	0/2	0/2	2/2	2/2	4/4	4/4
Firewire Port								
Parallel Port (Bi-Direct.)								
Serial Port (9pin, 16550)					Yes	Yes	Yes	Yes
VGA Out					Yes	Yes		
DVI Out								
HDMI Out								
Display Port Out	Yes, 2	Yes, 2	Yes	Yes	Yes	Yes	Yes, 2	Yes, 2
Stereo line-in Connection			Yes	Yes	Yes	Yes	Yes	Yes
Microphone-in Connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speakers/line-out Connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Active/Operating - Energy Efficient (Watts)	65	65	210	210	400	400	382	382
Power Save/Sleep Mode - Energy Efficient (Watts)	Unavailable	Unavailable	150	150	180	180	97	97
EnergyStar Level - Energy Efficient	6	6	6.1	6.1	6.1	6.1	6	6
ePEAT Level - Energy Efficient	Gold	Gold	Gold	Gold	Gold	Gold	Gold	Gold
Acoustics (max. dB)	23	23	22	22	26	26	40	40
Dimensions (W x D x H)	7.05" x 1.36" x 7.16"	7.05" x 1.36" x 7.16"	23.00" x 10.00" x 19.9"	23.00" x 10.00" x 19.9"	6.3" x 14.96" x 14.01"	6.3" x 14.96" x 14.01"	17.3" x 6.9" x 18.5"	17.3" x 6.9" x 18.5"
Weight (lbs.)	2.91	2.91	20.72	20.72	27.5	27.5	52.25	52.25
Chassis Lock & Cable Loop	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UPGRADE OPTIONS - ORDERED AT TIME OF PURCHASE								
Chassis					Small Form Factor, Ultra Small Form Factor	Small Form Factor, Ultra Small Form Factor		
BIOS Configuration			Boot to Network	Boot to Network	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical	Boot to Network, Boot to Optical
Operating System	Windows Embedded 7 (64bit)	Windows Embedded 7 (64bit)						
RAM			8GB non-ECC, 16GB non-ECC	16GB non-ECC	8GB non-ECC, 16GB non-ECC	16GB non-ECC	32GB DDR4 ECC	
Flash Drive	128GB	128GB						
Hard Disk			1TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	1TB SATA 6.0Gb/s Hard Drive 2TB SATA 6.0Gb/s Hard Drive	2TB SATA 6.0Gb/s Hard Drive	
Solid State Drive			128GB, 180GB, 256GB, 512GB	128GB, 180GB, 256GB, 512GB	128GB, 180GB, 256GB, 512GB	128GB, 180GB, 256GB, 512GB	256GB	
Removable Storage - 16x DVD+/-RW, SATA w/DVD Playback/Recording Software			16x DVD+/-RW, SATA w/o DVD Playback Software		16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software		
Web Camera			Yes	Yes				
Video Graphics					nVidia GT720 w/2GB		nVidia Quadro K2200 w/4GB	nVidia Quadro K2200 w/4GB
Wireless Interface (802.11 a/b/g/n)	802.11 a/b/g/n/AC	802.11 a/b/g/n/AC	Intel 8260 802.11 a/b/g/n/AC	Intel 8260 802.11 a/b/g/n/AC	802.11 a/b/g/n/AC	802.11 a/b/g/n/AC		
Bluetooth Interface	Included with Wireless Interface	Included with Wireless Interface	802.11 a/b/g/n/AC + Bluetooth 4	802.11 a/b/g/n/AC + Bluetooth 4	4	4		
Security - Intel vPro			Included in Base Configuration	Included in Base Configuration	Included in Base Configuration	Included in Base Configuration	Included in Base Configuration	Included in Base Configuration
Warranty - Additional Years	1Yr., 2Yrs.	1Yr., 2Yrs.	1Yr.	1Yr.	1Yr.	1Yr.	1Yr.	1Yr.
Security - ComputTrace BIOS Tracking								
ACCESSORY OPTIONS - ORDERED AT TIME OF PURCHASE OR AT A LATER TIME								
Video Adapter	Display Port to VGA Dongle	Display Port to VGA Dongle	USB to DVI/VGA USB to HDMI	USB to DVI/VGA USB to HDMI			Display Port to VGA Dongle	Display Port to VGA Dongle
Removable Storage (Ultra Small Form Factor)					16x DVD+/-RW, SATA w/DVD Playback/Recording Software	16x DVD+/-RW, SATA w/DVD Playback/Recording Software		
Mounting Bracket (Ultra-Small Form Factor)	Wall	Wall						