

Low-Mid : 1 Way (Server)

	System X3100M5 IBM-5457B3A	System X3100M5 IBM-5457IA1	System X3100M5 IBM-5457IA2	System X3100M5 IBM-5457IA3
CPU Types	Xeon E3-1220 v3 3.1GHz 8MB 1600MHz	Xeon 4C E3-1220v3 80W 3.1GHz	Xeon 4C E3-1231v3 80W 3.4GHz	Xeon 4C E3-1271v3 80W 3.6GHz
CPU min. , max.	1	1	1	1
CPU L2 Cache	8MB L3 Cache	8MB L3 Cache	8MB L3 Cache	8MB L3 Cache
ECC Memory, min., max.	1x 4GB 1600MHz std / Up to 32 GB with 4x 8 GB UDIMMs	1x 4GB 1600MHz std / Up to 32 GB with 4x 8 GB UDIMMs	1x 4GB 1600MHz std / Up to 32 GB with 4x 8 GB UDIMMs	1x 4GB 1600MHz std / Up to 32 GB with 4x 8 GB UDIMMs
Graphics	Matrox G200eR2 with 16 MB memory integrated into the IMM2. Maximum resolution is 1600x1200 at 75 Hz with 16 M colors	Matrox G200eR2 with 16 MB memory integrated into the IMM2. Maximum resolution is 1600x1200 at 75 Hz with 16 M colors	Matrox G200eR2 with 16 MB memory integrated into the IMM2. Maximum resolution is 1600x1200 at 75 Hz with 16 M colors	Matrox G200eR2 with 16 MB memory integrated into the IMM2. Maximum resolution is 1600x1200 at 75 Hz with 16 M colors
Bus Type	N/A	1600 MHz	1600 MHz	
PCI Slots (Total#, #, xxbit/xxxMHz)	4 PCI Express slots, PCIe 3.0 x16 / PCIe 3.0 x8 / PCIe 2.0 x8 / PCIe 2.0 x4	4 PCI Express slots, PCIe 3.0 x16 / PCIe 3.0 x8 / PCIe 2.0 x8 / PCIe 2.0 x4	4 PCI Express slots, PCIe 3.0 x16 / PCIe 3.0 x8 / PCIe 2.0 x8 / PCIe 2.0 x4	4 PCI Express slots, PCIe 3.0 x16 / PCIe 3.0 x8 / PCIe 2.0 x8 / PCIe 2.0 x4
Hardisk	Simple Swap Sata	Simple Swap Sata with 1 TB bundle	Simple Swap Sata with 1 TB bundle	Hot Swap Sata with 1 TB bundle
Std HD Controller	-			
Onboard RAID Ctr	-			ServeRAID M1115
Bays		C100 SW RAID	C100 SW RAID	
Optical Drive	-	DVD-ROM	DVD-ROM	Multiburner (DVD-RW)
Diskette	USB only	USB only	USB only	USB only
Total , Hotswap	4 Bays (4x 3.5" SS)	4 Bays (4x 3.5" SS)	4 Bays (4x 3.5" SS)	8 Bays (8x 2.5" HS)
Max. # internal Disks	SATA 12TB	SATA 12TB	SATA 12TB	SAS 9.6 TB / SATA 8 TB
Interfaces	2 USB 2.0 on front. 4 USB 2.0, 1 DB-15 video, one DB-9 serial, one	Two USB 3.0 ports on the front. Four USB 2.0 ports, one DB-15 video port, one	Two USB 3.0 ports on the front. Four USB 2.0 ports, one DB-15 video port, one	2 USB 3.0 ports on the front. Four USB 2.0 ports, one DB-15 video port, one
Onboard Gigabit Ethern. Redundant Power	Integrated two-port Gigabit Ethernet (Broadcom BCM5717). One port is shared with the IBM Integrated Management Module (IMM)	DB-9 serial port, and Two RJ-45 GbE network ports on the rear. One internal USB port (for embedded hypervisor). Integrated two-port Gigabit Ethernet (Broadcom BCM5717). One port is shared with the IBM Inte- grated Management Module (IMM)	DB-9 serial port, and Two RJ-45 GbE network ports on the rear. One internal USB port (for embedded hypervisor). Integrated two-port Gigabit Ethernet (Broadcom BCM5717). One port is shared with the IBM Inte- grated Management Module (IMM)	DB-9 serial port, and Two RJ-45 GbE network ports on the rear. One internal USB port (for embedded hypervisor). Integrated two-port Gigabit Ethernet (Broadcom BCM5717). One port is shared with the IBM Inte- grated Management Module (IMM)
Dimensions (Units)	Tower H: 360 mm W: 180 mm D: 480 mm	Tower H: 360 mm W: 180 mm D: 480 mm	Tower H: 360 mm W: 180 mm D: 480 mm	Tower H: 360 mm W: 180 mm D: 480 mm
Mechanical	350 Watts	350 Watts Fixed / 1	300 Watts Fixed / 1	460 Watts HS / 2
OS Support	Windows 2012 R2, 2012, 2008 R2, Red Hat Enterprise Linux 5 and 6, SUSE Linux Enterprise Server 11, VMware vSphere 5.5 (ESXi) and VMware vSphere 5.1 (ESXi).	Microsoft Windows Server 2012 R2, 2012, and 2008 R2, Red Hat Enterprise Linux 5 and 6, SUSE Linux Enterprise Server 11, VMware vSphere 5.5 (ESXi) and VMware vSphere 5.1 (ESXi).	Microsoft Windows Server 2012 R2, 2012, and 2008 R2, Red Hat Enterprise Linux 5 and 6, SUSE Linux Enterprise Server 11, VMware vSphere 5.5 (ESXi) and VMware vSphere 5.1 (ESXi).	Microsoft Windows Server 2012 R2, 2012, and 2008 R2, Red Hat Enterprise Linux 5 and 6, SUSE Linux Enterprise Server 11, VMware vSphere 5.5 (ESXi) and VMware vSphere 5.1 (ESXi).
Warranty	3 year on-site 24x7x4	3 year on-site 24x7x4	3 year on-site 24x7x4	3 year on-site 24x7x4
ราคา	35,500	32,750	39,590	56,175

P/N	Description/Spec	QTY.	ราคา
IBM System x3550M5 Base Server only (3Yr warranty)			
IBM-5463A2A	x3550 M5, Xeon 6C E5-2603v3 85W 1.6GHz/1600MHz/15MB, 1x8GB, O/Bay SS 2.5in SATA/SAS, SR M1215, 550W p/s, Rack	1	84,000
IBM-5463B2A	x3550 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, 1x8GB, O/Bay SS 3.5in SATA/SAS, SR M1215, 550W p/s, Rack	1	88,600
IBM-5463C2A	x3550 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M1215, 550W p/s, Rack	1	104,650
IBM-5463C4A	x3550 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, O/Bay HS 3.5in SATA/SAS, SR M1215, 550W p/s, Rack	1	104,650
IBM-5463IOB	x3550 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 2x750W p/s, Rack	1	119,740
IBM-5463H2A	x3550 M5, Xeon 8C E5-2630Lv3 55W 1.8GHz/1866MHz/20MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 550W p/s, Rack	1	129,800
IBM-5463D2A	x3550 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 550W p/s, Rack	1	133,540
IBM-5463F2A	x3550 M5, Xeon 8C E5-2640v3 90W 2.6GHz/1866MHz/20MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 550W p/s, Rack	1	151,940
IBM-5463G2A	x3550 M5, Xeon 10C E5-2650v3 105W 2.3GHz/2133MHz/25MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 550W p/s, Rack	1	171,950
IBM-546362A	x3550 M5, Xeon 12C E5-2670v3 120W 2.3GHz/2133MHz/30MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 750W p/s, Rack	1	195,810
IBM-5463J2A	x3550 M5, Xeon 12C E5-2680v3 120W 2.5GHz/2133MHz/30MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 750W p/s, Rack	1	206,620
IBM-5463L2A	x3550 M5, Xeon 12C E5-2690v3 135W 2.6GHz/2133MHz/30MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 750W p/s, Rack	1	218,280
IBM-5463M2A	x3550 M5, Xeon 18C E5-2699v3 145W 2.3GHz/2133MHz/45MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, 900W p/s, Rack	1	353,000
IBM-5463I6A	x3550 M5, Xeon 6C E5-2603v3 85W 1.6GHz/1600MHz/15MB, DDR4 8GB, 2x300G HS 2.5in SAS, SR M1215, 2x550W p/s, Rack	1	91,700
IBM-5463I1A	x3550 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, DDR4 8GB, 2x300G HS 2.5in SAS, SR M1215, 2x550W p/s, Rack	1	97,270
IBM-5463I8A	x3550 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, DDR4 16GB, 2x300G HS 2.5in SAS, SR M5210, 2x550W p/s, Rack	1	132,790
IBM-5463I7A	x3550 M5, Xeon 6C E5-2603v3 85W 1.6GHz/1600MHz/15MB, DDR4 8GB, 2x600G HS 2.5in SAS, SR M1215, 2x550W p/s, Rack	1	97,270
IBM-5463IMA	x3550 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, DDR4 8GB, 2x600G HS 2.5in SAS, SR M1215, 2x550W p/s, Rack	1	102,830
IBM-5463I9A	x3550 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, DDR4 16GB, 2x600G HS 2.5in SAS, SR M5210, 2x550W p/s, Rack	1	138,460
System x ICT MODEL x3550 M5			
LNV-5463IF3	x3550 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 2x300GB HS 2.5in SATA/SAS, SR M1215<RAID5>, DVD-ROM, 2x550W p/s, Rack		95,230
LNV-5463IF8	x3550 M5, 2xXeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 2x16GB, 4x600 HS 2.5in SATA/SAS, SR M5210, DVD-ROM, 2x550W p/s, Rack		185,430
System x x3550 M5			
LNV-5463IYF	x3550 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, 1x8GB, O/Bay HS 2.5in SATA/SAS, SR M1215, 2x750W p/s, Rack		76,200
LNV-5463IYG	x3550 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M1215, 2x750W p/s, Rack		93,300
LNV-5463IYJ	x3550 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, O/Bay HS 3.5in SATA/SAS, SR M1215, 2x750W p/s, Rack		93,300
IBM-5464A2A	x3500 M5, Xeon 6C E5-2603v3 85W 1.6GHz/1600MHz/15MB, 1x8GB, O/Bay HS 2.5in SATA/SAS, SR M1215, DVD-ROM, 550W p/s, Tower		87,850
IBM-5464B2A	x3500 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, 1x8GB, O/Bay HS 2.5in SATA/SAS, SR M1215, DVD-ROM, 550W p/s, Tower		92,880
IBM-5464C2A	x3500 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M1215, DVD-ROM, 550W p/s, Tower		102,300
IBM-5464C3A	x3500 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, O/Bay HS 3.5in SATA/SAS, SR M1215, DVD-ROM, 550W p/s, Rack		105,400
IBM-5464C4A	x3500 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, O/Bay HS 3.5in SATA/SAS, SR M1215, DVD-ROM, 550W p/s, Tower		108,610
IBM-5464ICA	x3500 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, DVD-ROM, 2x750W p/s, Tower		114,710
IBM-5464D2A	x3500 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M1215, DVD-ROM, 550W p/s, Tower		117,280
IBM-5464F2A	x3500 M5, Xeon 8C E5-2640v3 90W 2.6GHz/1866MHz/20MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M1215, DVD-ROM, 750W p/s, Tower		145,950
IBM-5464G2A	x3500 M5, Xeon 10C E5-2650v3 105W 2.3GHz/2133MHz/25MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, DVD-ROM, 750W p/s, Tower		162,110
IBM-5464G3A	x3500 M5, Xeon 10C E5-2650v3 105W 2.3GHz/2133MHz/25MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, DVD-ROM, 750W p/s, Rack		165,210
IBM-5464H2A	x3500 M5, Xeon 12C E5-2670v3 120W 2.3GHz/2133MHz/30MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, DVD-ROM, 900W p/s, Tower		188,320
IBM-5464J2A	x3500 M5, Xeon 12C E5-2680v3 120W 2.5GHz/2133MHz/30MB, 1x16GB, O/Bay HS 2.5in SATA/SAS, SR M5210, DVD-ROM, 900W p/s, Tower		199,560

P/N	Description/Spec	User Price
System x ICT MODEL x3500 M5		
LNV-54641QA	x3500 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 2x300GB HS 2.5in SAS, SR M1215<RAID 5>, DVD-ROM, 2x550W p/s, Tower	80,900
LNV-54641RA	x3500 M5, 2xXeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 2x16GB, 4x600GB HS 2.5in SAS, SR M1215<RAID5>, DVD-ROM, 2x550W p/s, Tower	157,500
System x x3500 M5 ๘๘๘๗๓๑		
LNV-546412B	x3500 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, 1x8GB, 0/Bay HS 2.5in SATA/SAS, SR M1215, DVD-ROM, 2x750W p/s, Tower	88,380
LNV-546412C	x3500 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 0/Bay HS 2.5in SATA/SAS, SR M1215, DVD-ROM, 2x750W p/s, Tower	97,500
LNV-546413B	x3500 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 0/Bay HS 3.5in SATA/SAS, SR M1215, DVD-ROM, 2x750W p/s, Tower	97,500
IBM System x3650M5 Base Server only (3Yr warranty)		
IBM-5462A2A	x3650 M5, Xeon 6C E5-2603v3 85W 1.6GHz/1600MHz/15MB, 1x8GB, 0/Bay SS 2.5in SAS/SATA, 550W p/s, Rack	81,970
IBM-5462B2A	x3650 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, 1x8GB, 0/Bay SS 3.5in SAS/SATA, 550W p/s, Rack	91,920
IBM-546210I	x3650 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 2x750W p/s, Rack	103,580
IBM-54621PI	x3650 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 0/Bay HS 3.5in SAS/SATA, SR M5210, 2x750W p/s, Rack	109,790
IBM-5462C2A	x3650 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M1215, 550W p/s, Rack	108,290
IBM-5462C4A	x3650 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 0/Bay HS 3.5in SAS/SATA, SR M1215, 550W p/s, Rack	113,210
IBM-546252A	x3650 M5, Xeon 8C E5-2630Lv3 55W 1.8GHz/1866MHz/20MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 550W p/s, Rack	133,540
IBM-54621PH	x3650 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 2x750W p/s, Rack	124,770
IBM-5462D2A	x3650 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 550W p/s, Rack	137,180
IBM-5462D4A	x3650 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 1x16GB, 0/Bay HS 3.5in SAS/SATA, SR M5210, 750W p/s, Rack	148,840
IBM-5462F2A	x3650 M5, Xeon 8C E5-2640v3 90W 2.6GHz/1866MHz/20MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 550W p/s, Rack	155,580
IBM-5462F4A	x3650 M5, Xeon 8C E5-2640v3 90W 2.6GHz/1866MHz/20MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 750W p/s, Rack	157,400
IBM-5462G2A	x3650 M5, Xeon 10C E5-2650v3 105W 2.3GHz/2133MHz/25MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 750W p/s, Rack	168,420
IBM-546262A	x3650 M5, Xeon 12C E5-2670v3 120W 2.3GHz/2133MHz/30MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 750W p/s, Rack	199,560
IBM-5462J2A	x3650 M5, Xeon 12C E5-2680v3 120W 2.5GHz/2133MHz/30MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 900W p/s, Rack	210,790
IBM-5462L2A	x3650 M5, Xeon 12C E5-2690v3 135W 2.6GHz/2133MHz/30MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 900W p/s, Rack	220,750
IBM-5462M2A	x3650 M5, Xeon 18C E5-2699v3 145W 2.3GHz/2133MHz/45MB, 1x16GB, 0/Bay HS 2.5in SAS/SATA, SR M5210, 750W p/s, Rack	356,640
IBM-54621GA	x3650 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, DDR4 8GB, 2x300G HS 2.5in SAS, SR M1215, 2x550W p/s, Rack	96,090
IBM-54621FB	x3650 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, DDR4 16GB, 2x300 HS 2.5in SAS, SR M1215, 2x550W p/s, Rack	132,150
IBM-54621CA	x3650 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, DDR4 16GB, 2x300G HS 2.5in SAS, SR M5210, 2x550W p/s, Rack	147,130
IBM-54621IA	x3650 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1866MHz/15MB,DDR4 8GB, 2x600G HS 2.5in SAS, SR M1215, 2x550W p/s, Rack	100,370
IBM-54621CG	x3650 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, DDR4 16GB, 2x600 HS 2.5in SAS, SR M1215, 2x550W p/s, Rack	137,180
IBM-54621DA	x3650 M5, Xeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, DDR4 16GB, 2x600G HS 2.5in SAS, SR M5210, 2x550W p/s, Rack	152,160
System x ICT MODEL x3650 M5		
LNV-54621FS	x3650 M5, Xeon 6C E5-2620v3 85W 2.4GHz/1866MHz/15MB, 1x16GB, 2x300 HS 2.5in SAS, SR M1215<RAID5>, DVD-ROM, 2x550W p/s, Rack	98,870
LNV-54621FU	x3650 M5,2xXeon 8C E5-2630v3 85W 2.4GHz/1866MHz/20MB, 2x16GB, 4x600GB HS 2.5in SAS, SR M5210, DVD-ROM, 2x550W p/s, Rack	197,740
System x x3650 M5 ๘๘๘๗๓๑		
54620UK	x3650 M5, Xeon 6C E5-2609v3 85W 1.9GHz/1600MHz/15MB, 1x8GB, 0/Bay HS 2.5in SAS/SATA, SR M1215, 2x750W p/s, Rack	81,640