

Adapter Options							
Option Name	Option Number	VSphere 5.1(U3)		VSphere 5.5(U3)		VSphere 6.0(U2)	
		Driver	Firmware	Driver	Firmware	Driver	Firmware
Mellanox Options							
IBM Flex System EN4132 2-port 10Gb Ethernet Adapter	90Y3466	Not Supported	Not Supported	Native	2.33.5000	Native	2.33.5000
FLEX System IB6132 2Port FDR InfiniBand Adapter	90Y3454	Not Supported	Not Supported	Native	2.33.5000	Native	2.33.5000
IBM Flex System EN6132 2-port 40Gb Ethernet Adapter	90Y3482	Not Supported	Not Supported	Native	2.33.5000	Native	2.33.5000
Mellanox ConnectX-3 40GbE / FDR IB VPI Adapter for IBM System x	00D9550	Not Supported	Not Supported	Native	2.33.5000	Native	2.33.5000
Mellanox Connect X-3 10GbE Adapter for IBM System x	00D9690	Not Supported	Not Supported	Native	2.33.5000	Native	2.33.5000
Mellanox ConnectX-4 Lx 1x40GbE QSFP+ Adapter	00MM950	Not Supported	Not Supported	4.5.4.1100	12.16.1006	4.15.5.10	12.16.1006
Mellanox ConnectX-4 2x100GbE / EDR IB QSFP28 VPI Adapter	00MM960	Not Supported	Not Supported	4.5.4.1100	12.16.1006	4.15.5.10	12.16.1006
IBM Dual Port FDR Embedded Adapter	00D4143	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
IBM Dual Port FDR10/QDR embedded adapter for nx360 M4	00AM476	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
Mellanox ConnectX-3 Pro ML2 2x40GbE/FDR VPI Adapter for IBM System x	00FP650	Not Supported	Not Supported	Native	2.33.5000	Native	2.33.5000
Mellanox ConnectX-3 Pro 40GbE / FDR IB VPI ML2 for nx360 M5 WCT	00FP660	Not Supported	Not Supported	Native	2.33.5000	Native	2.33.5000
Mellanox Single-Port Connect-IB PCIe x16 Adapter for nx360 M5 WCT	00KG330	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
Mellanox ConnectX-4 Lx ML2 1x25GbE SFP28 Adapter	00MN990	Not Supported	Not Supported	4.5.4.1100	12.16.1006	4.15.5.10	12.16.1006
IBM Dual Port FDR Embedded Adapter	00D4143	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
IBM Dual Port FDR10/QDR embedded adapter for nx360 M4	00AM476	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
Option Name	Option Number	VSphere 5.1(U3)		VSphere 5.5(U3)		VSphere 6.0(U2)	
		Driver	Firmware	Driver	Firmware	Driver	Firmware
Intel Options							
Intel X520-DA2 Dual Port 10GbE SFP+ Adapter for IBM System x	49Y7960	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Intel X540-T2 Dual Port 10GbBaseT Adapter for IBM System x	49Y7970	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Intel X550-T1 Dual Port 10GbBase-T Adapter	00MM850	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Intel X550-T2 Dual Port 10GbBase-T Adapter	00MM860	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
ThinkServer CT2 1Gbps Single Port Base-T Ethernet Adapter by Intel	4XC0F28725	e1000e ver. 1.1.2-3ymw	N/A	e1000e ver. 3.2.2.1-2vmw	N/A	e1000e ver. 2.5.4-6vmw	N/A
Intel I350-F1 1xGbE Fiber Adapter for System x	00AG500	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
Intel I350-T2 2xGbE BaseT Adapter for IBM System X	00AG510	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
Intel I350-T4 4xGbE BaseT Adapter for IBM System X	00AG520	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
Intel X710 2x10GbE SFP+ Adapter for IBM System x	81Y3520	1.4.28	v20.7-cd	1.4.28	v20.7-cd	1.4.28	v20.7-cd
Intel X710-DA2 2x10GbE SFP+ Adapter	01DA900	1.4.28	v20.7-cd	1.4.28	v20.7-cd	1.4.28	v20.7-cd
Intel X520 Dual Port 10GbE SFP+ Embedded Adapter for IBM System x	49Y7980, 00AL653	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Intel X540 Dual Port 10GbBaseT Embedded Adapter for IBM System x	49Y7990	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Intel X520 Dual Port 10GbE SFP+ OCP Mezz	00MM880	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Intel X540 ML2 Dual Port 10gbaset Adapter For IBM System X	00D1994	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Intel I350-T4 ML2 Quad Port GbE Adapter for IBM System x	00D1998	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
Intel XL710 ML2 4x10GbE SFP+ Adapter for IBM System x	94Y5200	1.4.28(i40e)	v20.7-cd	1.4.28(i40e)	v20.7-cd	1.4.28(i40e)	v20.7-cd
Intel X710-DA2 ML2 2x10GbE SFP+ adapter	00JY940	1.4.28(i40e)	v20.7-cd	1.4.28(i40e)	v20.7-cd	1.4.28(i40e)	v20.7-cd
Lenovo ThinkServer I350-T4 AnyFabric 1Gb 4 Port Base-T Ethernet Adapter by Intel	4XC0F28740	5.3.2	N/A	5.3.2	N/A	5.3.2	N/A
Lenovo ThinkServer X520-DA2 AnyFabric 10Gb 2 Port SFP + Ethernet Adapter by Intel	4XC0F28742	3.21.7	N/A	4.4.1	N/A	4.4.1	N/A
Lenovo ThinkServer X540-T2 AnyFabric 10Gb 2 Port Base-T Ethernet Adapter by Intel	4XC0F28741	3.21.7	N/A	4.4.1	N/A	4.4.1	N/A
Lenovo ThinkServer x710-DA2 AnyFabric 10Gb 2 port Ethernet Adapter by Intel	4XC0G88847	1.4.28	v20.7-cd	1.4.28	v20.7-cd	1.4.28	v20.7-cd
Lenovo ThinkServer X710-DA4 AnyFabric 10Gb 4 port Ethernet Adapter by Intel	4XC0G88848	1.4.28	v20.7-cd	1.4.28	v20.7-cd	1.4.28	v20.7-cd
Lenovo ThinkServer X710-DA2 PCIe 10Gb 2 port Ethernet Adapter by Intel	4XC0G88852	1.4.28	v20.7-cd	1.4.28	v20.7-cd	1.4.28	v20.7-cd
Lenovo ThinkServer X710-DA4 PCIe 10Gb 4 port Ethernet Adapter by Intel	4XC0G88854	1.4.28	v20.7-cd	1.4.28	v20.7-cd	1.4.28	v20.7-cd
Lenovo ThinkServer X520-DA2 PCIe 10 Gb 2-port SFP+ Ethernet Adapter by Intel	4XC0F28734	3.21.7	N/A	4.4.1	N/A	4.4.1	N/A
Lenovo ThinkServer Intel Server Adapter X520 SR2	4XC0F28733	3.21.7	N/A	4.4.1	N/A	4.4.1	N/A
Lenovo ThinkServer Intel Server Adapter X540-T2	4XC0F28732	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Lenovo ThinkServer X550-T1	4XC0G88855	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Lenovo ThinkServer X550-T2	4XC0G88856	3.21.7(ixgbe)	N/A	4.4.1(ixgbe)	N/A	4.4.1(ixgbe)	N/A
Lenovo ThinkServer i350-T2	4XC0F28730	5.3.2	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
Lenovo ThinkServer i350-T4	4XC0F28731	5.3.2	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
Broadcom/Emulex Options							
Broadcom NetXtreme I Dual Port GbE Adapter	90Y9370	3.135b	17.4.4.2a	3.137h	17.4.4.2a	3.137l	17.4.4.2a
Broadcom NetXtreme I Quad Port GbE Adapter	90Y9352	3.135b	17.4.4.2a	3.137h	17.4.4.2a	3.137l	17.4.4.2a
Broadcom NetXtreme 2x10GbE BaseT Adapter (Saturn)	44T1370	2.2.5f(bnx2)/2.712.50(bnx2x)/2.712.50(bnx2fc)/1.712.50(bnx2fc)	7.12e.4.2d	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a
Broadcom 2x10GbE SFP+ Adapter for IBM System x (Jupiter)	94Y5180	2.2.5f(bnx2)/2.712.50(bnx2x)/2.712.50(bnx2fc)/1.712.50(bnx2fc)	7.12e.4.2d	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a
Broadcom NetXtreme II ML2 Dual Port 10GbE SFP+ for IBM System x(Golden Nugget)	00D2028	2.2.5f(bnx2)/2.712.50(bnx2x)/2.712.50(bnx2fc)/1.712.50(bnx2fc)	7.12e.4.2d	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a
Broadcom NetXtreme II ML2 Dual Port 10GbBaseT for IBM System x (Sole Runner)	00D2026	2.2.5f(bnx2)/2.712.50(bnx2x)/2.712.50(bnx2fc)/1.712.50(bnx2fc)	7.12e.4.2d	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a
Flex System EN4172 2-port 10Gb Ethernet Adapter(Tacoma)	00AG530	2.2.5f(bnx2)/2.712.50(bnx2x)/2.712.50(bnx2fc)/1.712.50(bnx2fc)	7.12e.4.2d	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a
IBM Flex System EN2024 4-port 1Gb Ethernet Adapter	49Y7900	3.135b	17.4.4.2a	3.137h	17.4.4.2a	3.137l	17.4.4.2a
IBM Flex System CN4022 2-port 10Gb Converged Adapter (Tundra)	88Y5920	2.2.5f(bnx2)/2.712.50(bnx2x)/2.712.50(bnx2fc)/1.712.50(bnx2fc)	7.12e.4.2d	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a	2.2.6a(bnx2)/1.713.20(bnx2fc)/2.713.10(bnx2*)	7.13a.4.5a
IBM Flex System FC3172 2-port 8Gb FC Adapter(Ninja)	69Y1938	934.5.45.0(qla2xxx)	4.11af-8g	1.1.52.0(qlnativefc)	4.11af-8g	2.1.20.0(qlnativefc)	4.11af-8g
IBM Flex System FC 5172 2-port 16Gb FC Adapter (Sensei)	69Y1942	934.5.45.0(qla2xxx)	4.75.02-16g	1.1.52.0(qlnativefc)	4.75.02-16g	2.1.20.0(qlnativefc)	4.75.02-16g

System Name	Machine Type	VSphere 5.1(U3)		VSphere 5.5(U3)		VSphere 6.0(U2)	
		Driver	Firmware	Driver	Firmware	Driver	Firmware
IBM Flex System™ x220 Compute Node	7906, 2585	Native	17.4.4.2a	Native	17.4.4.2a	Not Supported	Not supported
IBM Flex System™ x240 Compute Node	7162, 2588	11.0.198.0	10.6.228.36	11.1.145.0	10.6.228.36	11.1.145.0	10.6.228.36
SCSI mode driver for the above adapter		11.0.231.0	10.6.228.36	11.1.145.8	10.6.228.36	11.1.145.8	10.6.228.36
FCoE mode driver for the above adapter		11.0.197.0	10.6.228.36	11.1.145.18	10.6.228.36	11.1.145.18	10.6.228.36
IBM Flex System™ x440 Compute Node	7167, 2590	11.0.198.0	11.0.270.24	11.1.145.0	11.1.152.22	11.1.145.0	11.1.152.22
SCSI mode driver for the above adapter		11.0.231.0	11.0.270.24	11.1.145.8	11.1.152.22	11.1.145.8	11.1.152.22
FCoE mode driver for the above adapter		11.0.197.0	11.0.270.24	11.1.145.18	11.1.152.22	11.1.145.18	11.1.152.22
System x3100 M5	5457	Native	17.4.4.2a	Native	17.4.4.2a	Not Supported	Not supported
System x3250 M5	5458	Native	17.4.4.2a	Native	17.4.4.2a	Not Supported	Not supported
System x3650 M5	5462, 8871	Native	17.4.4.2a	Native	17.4.4.2a	Native	17.4.4.2a
System x3550 M5	5463, 8869	Native	17.4.4.2a	Native	17.4.4.2a	Native	17.4.4.2a
System x3500 M5	5464	Native	17.4.4.2a	Native	17.4.4.2a	Native	17.4.4.2a
System nx360 M5	5465, 5467, 5468	Native	17.4.3.3a	Native	17.4.3.3a	Native	17.4.3.3a
IBM BladeCenter HX5	1909, 1910, 7872, 7873	Native	17.4.4.2a	Native	17.4.4.2a	Not Supported	Not supported
IBM BladeCenter HS23E	8038, 8039, 8483	Native	17.4.4.2a	Native	17.4.4.2a	Not Supported	Not supported
System x3650 M4	7915, 5460	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
System x3550 M4	7914	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
System x3300 M4	7382	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
System x3500 M4	7383	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
System x3630 M4	7158	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
System x3530 M4	7160	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
IBM NeXtScale nx360 M4	5455	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
System x3100 M4	2582	e1000e version 1.1.2-3vmw	N/A	e1000e ver. 3.2.2.1-2vmw	N/A	e1000e version 2.5.4-6vmw	N/A
System x3250 M4	2583	e1000e version 1.1.2-3vmw	N/A	e1000e ver. 3.2.2.1-2vmw	N/A	e1000e version 2.5.4-6vmw	N/A
System dx360 M4	7912, 7913	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
System x3650 M4 BD	5466	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A
System x3250 M6	3633, 3943	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A	5.3.2(iqb)	N/A

Methods to update Options Firmware

1. Use [Vmware customized image, ToolsCenter Suite CLI, and CIM providers](#)
2. Use the [BoMC](#)
3. [Determining which storage or network driver is actively being used on ESXi host](#)

Version Histories

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