

PRIMEFLEX for Nutanix Enterprise Cloud Compatibility Matrix XF M7

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General Remarks: This is the PRIMEFLEX for Nutanix Enterprise Cloud Compatibility Matrix
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For more information about support and EOL of AOS versions please note:
<https://portal.nutanix.com/page/documents/eol/list?type=aos>

Detailed information about supported AOS and Hyper Visor versions are available at Nutanix Portal Compatibility and Interoperability Matrix
<https://portal.nutanix.com/page/documents/compatibility-interoperability-matrix/hardware>

Each hardware generation is listed in a separate section

Supported XF M7 HW and Firmware/AOS versions

Server	Component	Firmware	Software				Comments and Additional Information
			AOS	ESXi	Foundation	NCC	
XF8055 M7 XF8055 VDI M7	BIOS	D3893-A1x-R1.13.0 D3893-A1x-R1.12.0	LTS >= 6.5.3	8.0 U1 v560-1 21813344 7.0 U3 v531-1 21686933 Note: patches of the listed versions are supported	5.6 5.5	4.6.x.x	Note on GA of XF M7 models: Information on XF M7 models and components as shown in Support Matrix depends on GA of each model and on release of each component for XF M7. Note: XF M7 has Core offering only Note on ESXi: The list of supported ISO images appears in a iso_whitelist.json file used by Foundation to validate ISO images. Download the latest whitelist file from the Foundation page on the Nutanix support portal or, for update, from the Hypervisor Details page. For ESXi 8.0 U1, AOS 6.7.1 (STS) or newer must be used. AOS 6.8 will be first LTS version to support ESXi 8.0 U1. Note on AOS 6.5.x: AOS 6.5.3 LTS is initial supported version Note on Foundation: Foundation (and "Foundation-Platforms" being part of
	IRMC	RX2540M7_02.36S_sdr03.53 RX2540M7_02.34S_sdr03.49					
XF8050 M7	BIOS	D3893-A1x-R1.13.0 D3893-A1x-R1.12.0					
	IRMC	RX2540M7_02.36S_sdr03.53 RX2540M7_02.34S_sdr03.49					
XF3070 M7 XF3070 NVMe M7	BIOS	D3892-A1x-R1.13.0 D3892-A1x-R1.12.0					
	IRMC	RX2530M7_02.36S_sdr03.78 RX2530M7_02.33S_sdr03.76					
XF1070 M7	BIOS	D3892-A1x-R1.13.0 D3892-A1x-R1.12.0					
	IRMC	RX2530M7_02.36S_sdr03.78 RX2530M7_02.33S_sdr03.76					
Common to XF M7 models	PSAS CP2100-8i	6.22 5.61					Note on HBA PSAS CP600i: PSAS CP600i is only supported for - XF1070 M7, XF3070 M7, XF8050 M7
	PSAS CP600i	FW Package 22.20.00.01					
	NIC X710-T2L/T4L	9.20 0x8000d934 1.3353.0 / T2L PCI 9.20 0x8000d942 1.3353.0 / T2L OCP 9.20 0x8000d93e 1.3353.0 / T2L OCPIL 9.20 0x8000d938 1.3353.0 / T4L PCI 9.20 0x8000d937 1.3353.0 / T4L OCP 9.20 0x8000d93c 1.3353.0 / T4L OCPIL					
		9.20 (0x8000d93a / 0x8000d93d) 1.3353.0 / DA2 PCI 9.20 0x8000d939 1.3353.0 / DA2 OCP / OCPIL 9.20 0x8000d935 1.3353.0 / DA4 PCI 9.20 0x8000d93b 1.3353.0 / DA4 OCP / OCPIL					
		4.20 0x8001778c 1.3353.0 / DA2 PCI 4.20 0x80017787 1.3353.0 / DA2 OCP 4.20 0x800177d1 1.3353.0 / DA4 PCI 4.20 0x80017788 1.3353.0 / DA4 OCP					
		NIC E810-XXVDA-2/4 25Gb					
		NIC E810-CQDA2 100Gb					
	P210TP 10G NIC	Firmware 222.1.68.0 Firmware 225.1.95.0					
		Firmware 225.1.95.0					
	SSD SATA 6G Mixed-Use (3 DWPD) 1.92TB, 3.84TB	PM897 (MZ7L31T9HBNA, MZ7L33T8HBNA): JXTE103Q					
		PM897a (MZ7L31T9HENA, MZ7L33T8HENA): JXTI004Q					
		Micron_5400 MAX 1.92 TB D4MU002					
	SSD SAS (Kioxia PM7) 7.68TB, 15.3TB	5202					
		PM893 (MZ7L31T9HBLT, MZ7L33T8HBLT): JXTC103Q					
		PM893a (MZ7L31T9HELA, MZ7L33T8HELA): JXTG004Q					
	SSD SATA 6G Read-Int (1 DWPD) 1.92TB, 3.84TB	Micron_5400 PRO 3.84 TB D4MU402					
		NVMe PCIe SSD (3 DWPD) 1.6TB, 3.2TB					
		VDV10170					
	NVMe PCIe SSD (Kioxia CM6) 1.92TB, 3.84TB, 7.68TB, 15.3TB, 3.2TB	0106					
		1UET6102					
		NVMe PCIe SSD (Kioxia CM7) 1.92TB, 3.84TB, 7.68TB, 15.3TB					
	M.2 SSD boot device Micron 5400 240GB	D4MU002					
	M.2 PCIe boot device Micron 7450 480GB	E2MU110					
	PDUAL CP100	2.3.21.1010					

PRIMEFLEX for Nutanix Enterprise Cloud Compatibility Matrix XF M3

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Each hardware generation is listed in a separate section

Supported XF M3 HW and Firmware/AOS versions

Server	Component	Firmware	Software				Comments and Additional Information
			AOS	ESXI	Foundation	NCC	
XF8055 M3 XF8055 VDI M3	BIOS	D3891-A1x-R1.24.0 D3891-A1x-R1.23.0	LTS 6.5	8.0 U1 v560-1 21813344 7.0 U3 v531-1 21686933 7.0 U3 v530-1 19193900 7.0 U2 v520-1 17867351 6.7 U3 v482-1 17700523 Note: patches of the listed versions are supported	5.6 5.5	4.6.x.x	Note: Core offering in EMEIA on special project request only. Note on ESXi: The list of supported ISO images appears in a iso_whitelist.json file used by Foundation to validate ISO images. Download the latest whitelist file from the Foundation page on the Nutanix support portal or, for update, from the Hypervisor Details page. For ESXi 8.0 U1, AOS 6.7.1 (STS) or newer must be used. AOS 6.8 will be first LTS version to support ESXi 8.0 U1. Note on AOS 5.20: AOS 5.20 is not supported any more Note on STS version of AOS: see Nutanix documentation on STS / LTS versions and support
EMEIA:Appliance, Core	IRMC	RX2540M6_03.57P_sdr03.85 RX2540M6_03.54P_sdr03.82					
XF8050 M3 XF8050 NVMe M3	BIOS	D3891-A1x-R1.24.0 D3891-A1x-R1.23.0					
EMEIA:Appliance, Core Japan / APAC: Core	IRMC	RX2540M6_03.57P_sdr03.85 RX2540M6_03.54P_sdr03.82					
XF3070 M3	BIOS	D3890-A1x-R1.24.0 D3890-A1x-R1.23.0					
EMEIA:Appliance, Core Japan / APAC: Core	IRMC	RX2530M6_03.57P_sdr03.47 RX2530M6_03.54P_sdr03.45					
XF1070 M3	BIOS	D3890-A1x-R1.24.0 D3890-A1x-R1.23.0					
EMEIA:Appliance, Core	IRMC	RX2530M6_03.57P_sdr03.47 RX2530M6_03.54P_sdr03.45					
Common to XF M3 models	PSAS CP503i	24.00.04.00 14.00.02.00		Software			Note on Foundation: Foundation (and Foundation Platform) shipped as of
	PSAS CP2100-8i	6.22 5.61					
	SSD SATA 6G Mixed-Use (3 DWPD) 1.92TB, 3.84TB	SM883 (MZ7KH1T9, MZ7KH3T8): HXM7A04Q HXM7904Q					
		PM897 (MZ7L31T9HBNA, MZ7L33T8HBNA): JXTE103Q					
		PM897a (MZ7L31T9HENA, MZ7L33T8HENA): JXTI004Q					
		Micron_5400 MAX 1.92 TB D4MU002					
	SSD SATA 6G Read-Int (1 DWPD) 1.92TB, 3.84TB	PM883 (MZ7LH1T9, MZ7LH3T8): HXT7A04Q HXT7904Q					
		PM893 (MZ7L31T9HBLT, MZ7L33T8HBLT): JXTC103Q					
		PM893a (MZ7L31T9HELA, MZ7L33T8HELA): JXTG004Q					
		Micron_5400 PRO 3.84 TB D4MU402					
	SSD SAS 12G 7.68TB	GXA2					
	SSD SAS (Kioxia PM7) 7.68TB, 15.3TB	5202					
	NVMe PCIe SSD (3 DWPD) 1.6TB, 3.2TB	VDV10170					
	NVMe PCIe SSD (Kioxia CM6) 1.92TB, 3.84TB, 7.68TB, 1.6TB, 3.2TB)	0106					
	NVMe PCIe SSD (Kioxia CM7) 1.92TB, 3.84TB, 7.68TB, 15.3TB)	1UET6102					
	M.2 SSD boot device Micron 5300 240GB, 480GB	D3MU001					
	M.2 SSD boot device Micron 5400 240GB	D4MU002					
	PDUAL CP100	2.3.21.1010 2.3.21.1006					
	NIC X710-T2L/T4L (10G Base-T) PCI / OCP	9.20 8.15					

Supported NIC and firmware for XF M3

Component	Type	Firmware	Last Firmware	Comments and Additional Information
X710-T2L/T4L (10G Base-T)	- PCI card - OCP module	9.20 8.15		
X710-DA2/DA4 (10G SFP)	- PCI card - OCP module	9.20 8.15		
Mellanox MCX4 (25G SFP)	- PCI card - OCP module	14.32.1010 1x.31.1014		
E810-XXVDA-2/4 (25G SFP)	- PCI card - OCP module	4.20 (DA2 and DA4) 3.20 (only DA2)		Note on NIC E810: This component is not supported by ESXi 6.7.
E810-CQDA2 (100G SFP)	- PCI card - OCP module	4.20 3.20		Note on NIC E810: This component is not supported by ESXi 6.7.
P210TP (10G Base-T)	- PCI card	Firmware 225.1.95.0 Firmware 222.1.68.0		

PRIMEFLEX for Nutanix Enterprise Cloud Compatibility Matrix XF M2

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Detailed information about supported AOS and Hyper Visor versions are available at Nutanix Portal Compatibility and Interoperability Matrix:
<https://portal.nutanix.com/page/documents/compatibility-interoperability-matrix/hardware>

Link to other hardware generations:
[Supported XF M1 HW and Firmware/AOS versions](#)
[Supported XF M3 HW and Firmware/AOS versions](#)
[Supported XF M7 HW and Firmware/AOS versions](#)

Supported XF M2 HW and Firmware/AOS versions

Server	Component	Firmware	Software				Comments and Additional Information
			AOS	ESXi	Foundation	NCC	
XF8055 M2 XF8055 VDI M2 XF8055 VDI-LP M2 EMEIA:Appliance, Core	BIOS	D3384-B1-V5.0.0.14 - R1.39.0 D3384-B1-V5.0.0.14 - R1.38.0	6.5	7.0 U3 v531-1 21686933 7.0 U3 v530-1 19193900 7.0 U2 v520-1 17867351 7.0 U1 v510-1 16850804 7.0 v500-1 15843807 6.7 U3 v481-1 17167734 6.7 U3 v480-1 14320388 * 6.7 U2 v470-1 13473784 6.7 U1 v460 10302608 Note: patches of the listed versions are supported	5.6 5.5	4.6.x.x	Note on Foundation: Please use latest Foundation 5.5 Note on ESXi: The list of supported ISO images appears in a iso_whitelist.json file used by Foundation to validate ISO images. Download the latest whitelist file from the Foundation page on the Nutanix support portal or, for update, from the Hypervisor Details page. Note on ESXi 7.0: clean (fresh) installation only, update from older versions is not supported. Note on ESXi 6.5: ESXi 6.5 has reached end-of-life and is not supported any more. See: https://download.nutanix.com/misc/EOLNoticeforVMwarevSphere65.pdf Note on AOS 5.20: AOS 5.20 is not supported any more Note on STS version of AOS: see Nutanix documentation on STS / LTS versions and support
	IRMC	RX2540M5_3.57P_sdr03.69 RX2540M5_3.54P_sdr03.68					
	BIOS	D3384-B1-V5.0.0.14 - R1.39.0 D3384-B1-V5.0.0.14 - R1.38.0					
XF8050 M2 XF8050 NVMe M2 EMEIA:Appliance, Core Japan / APAC: Core	IRMC	RX2540M5_3.57P_sdr03.69 RX2540M5_3.54P_sdr03.68					
	BIOS	D3483-B1-V5.0.0.14 - R1.39.0 D3483-B1-V5.0.0.14 - R1.38.0					
	IRMC	D3483-B1_3.57P_sdr03.31 D3483-B1_3.54P_sdr03.30					
XF3070 M2 EMEIA:Appliance, Core Japan / APAC: Core	BIOS	D3383-B1-V5.0.0.14 - R1.39.0 D3383-B1-V5.0.0.14 - R1.38.0					
	IRMC	D3383-B1_3.57P_sdr03.31 D3383-B1_3.54P_sdr03.30					
	BIOS	D3383-B1-V5.0.0.14 - R1.39.0 D3383-B1-V5.0.0.14 - R1.38.0					
XF1070 M2 EMEIA:Appliance, Core	IRMC	D3383-B1_3.57P_sdr03.31 D3383-B1_3.54P_sdr03.30					
	BIOS	V5.0.0.14_R1.39.0 V5.0.0.14_R1.38.0	6.5	6.7 U3 v481-1 17167734 7.0 U1 v510-1 16850804 Note: patches of the listed versions are supported	5.5	4.6.x.x	
	IRMC	RX4770M5_3.57P_sdr03.28 RX4770M5_3.54P_sdr03.28					
Common to XF M2 models	PSAS CP403i	16.00.00.00-IT	n/a				PSAS CP503i released on: - XF1070 M2 - XF3070 M2 - XF8050 M2 - XF8050 NVMe M2, XF8055 VDI M2 - XF9050 M2 SSD SAS 12G 7.68TB only released with PSAS CP503i PDUAL CP200 released with M.2 Micron 5300 240GB
	PSAS CP503i	24.00.04.00 14.00.02.00					
	X550-T2 NIC	0x8000172c / 0x80001730 (3.60) 0x80001372 / 0x80001376 (3.15)					
	X710-DA2/DA4 NIC	0x8000d93a / 0x8000d93d / 0x8000d935 (9.20) 0x8000aebc / 0x8000af31 / 0x8000af2c (8.15)					
	MCX4-LX 25Gb NIC	14.32.1010 1x.31.1014					
	SSD SATA 6G Mixed-Use (3 DWPD) 960GB, 1.92TB, 3.84TB	SM883 (MZ7KH1T9, MZ7KH3T8): HXM7A04Q HXM7904Q					
		PM897 (MZ7L31T9HBNA, MZ7L33T8HBNA): JXTE103Q					
	SSD SATA 6G Read-Int (1 DWPD) 1.92TB, 3.84TB	PM883 (MZ7LH1T9, MZ7LH3T8): HXT7A04Q HXT7904Q					
		PM893 (MZ7L31T9HBLT, MZ7L33T8HBLT): JXTC103Q					
	SSD SAS 12G 7.68TB	GXA2 GXA0					
	NVMe PCIe SSD (3 DWPD) 1.6TB, 3.2TB	VDV10170 VDV10152					
	M.2 SSD boot device Micron 5100 240GB	DOMU051 DOMU037					
	M.2 SSD boot device Micron 5300 240GB, 480GB	D3MU001					
	PDUAL CP200						

* Please follow the instructions given in SB-NTNX-20001 when updating to ESXi 6.7U3: <http://docs.ts.fujitsu.com/vl.aspx?tid=c979a4b7-7de8-438a-8c22-1f2902994c53>

PRIMEFLEX for Nutanix Enterprise Cloud Compatibility Matrix XF M1

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Link to other hardware generations:
[Supported XF M2 HW and Firmware/AOS versions](#)
[Supported XF M3 HW and Firmware/AOS versions](#)
[Supported XF M7 HW and Firmware/AOS versions](#)

Supported XF M1 HW and Firmware/AOS versions

Server	Component	Firmware	Software				Comments and Additional Information
			AOS	ESXI	Foundation	NCC	
XF8055	BIOS	V5.0.0.12_R1.62.0 V5.0.0.12_R1.60.0	6.5	7.0 U3 v531-1 21686933 7.0 U3 v530-1 19193900 7.0 U2 v520-1 17867351 7.0 U1 v510-1 16890804 7.0 v500-1 15843807 6.7 U3 v481-1 17167734 6.7 U3 v480-1 14320388 6.7 U2 v470-1 13473794 6.7 U1 v460 10302608 Note: patches of the listed versions are supported	5.6 5.5	4.6.x.x	Note on Foundation: Please use latest Foundation 5.5 Note on AOS 6.5.3.6 and 6.5.3.7: Do not use on XF M1 systems Note on AOS 5.20: AOS 5.20 is not supported any more
	iRMC	RX2540M4_3.57P_sdr03.87 RX2540M4_3.54P_sdr03.87					
XF8050, XF8050 VDI	BIOS	V5.0.0.12_R1.62.0 V5.0.0.12_R1.60.0					Note on ESXi: The list of supported ISO images appears in a iso_whitelist.json file used by Foundation to validate ISO images. Download the latest whitelist file from the Foundation page on the Nutanix support portal or, for update, from the Hypervisor Details page.
	iRMC	RX2540M4_3.57P_sdr03.87 RX2540M4_3.54P_sdr03.87					
XF3070	BIOS	V5.0.0.12_R1.62.0 V5.0.0.12_R1.60.0					Note on ESXi 7.0: clean (fresh) installation only, update from older versions is not supported. Note on ESXi 7.0U1: AOS 5.15.5 or later supports this version and AOS 5.19.1 or later supports this version. Note on ESXi 7.0U3: AOS 5.20.4 or higher should be used. Note on ESXi 6.5: ESXi 6.5 has reached end-of-life and is not supported any more. See: https://download.nutanix.com/misc/EOLNoticeforVMwarevSphere65.pdf
	iRMC	RX2530M4_3.57P_sdr03.56 RX2530M4_3.54P_sdr03.56					
XF1070	BIOS	V5.0.0.12_R1.62.0 V5.0.0.12_R1.60.0					Note on STS version of AOS: see Nutanix documentation on STS / LTS versions and support
	iRMC	RX2530M4_3.57P_sdr03.56 RX2530M4_3.54P_sdr03.56					
Common to all XF models	PSAS CP403i	16.00.00.00-IT	n/a				
	X550-T2 NIC	0x8000172c / 0x80001730 (3.60) 0x80001372 / 0x80001376 (3.15)					
	X710-DA2 NIC	0x8000d93a / 0x8000d93d / 0x8000d935 (9.20) 0x8000aebc / 0x8000af31 / 0x8000af2c (8.15)					
	MCX4-LX 25 Gb NIC	14.32.1010 1x.31.1014					
	SSD SATA 6G Mixed-Use (3 DWPD) 960GB, 1.92TB, 3.84TB	HXM7A04Q HXM7904Q					
	SSD SATA 6G Read-Int (1 DWPD) 1.92TB, 3.84TB	HXT7A04Q HXT7904Q					
	M.2 SSD boot device Micron 5100 240GB	DOMU051 DOMU037					

* Please follow the instructions given in SB-NTNX-20001 when updating to ESXi 6.7U3: <http://docs.ts.fujitsu.com/dl.aspx?id=c979a4b7-7de8-438a-8c22-12902964c53>