



# Fujitsu supportability for Broadcom CNA

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## Contents

The following Broadcom CNA driver and firmware combinations have been tested and released on FUJITSU Server PRIMERGY Hardware with VMware ESXi versions 5.x and 6.x.

Released CNA Controllers (as PCI-, Mezzanine-Cards and as Controllers on Systemboard)

Fujitsu PCI- and Mezzanine Cards with Emulex CNA	Personality	Vendor-ID:	Device-ID:	Subsystem Vendor-ID:	Subsystem-ID:
OCe10102-F	NIC	19A2	700	1734	1188
	iSCSI	19A2	702	1734	1188
	FCoE	19A2	704	1734	1188
PCNA EP OCec14102-UX	NIC	10DF	720	10DF	E807
	iSCSI	10DF	722	10DF	E807
	FCoE	10DF	724	10DF	E807
PCNA EP OCe14102	NIC	10DF	720	1734	11FB
	iSCSI	10DF	722	1734	11FB
	FCoE	10DF	724	1734	11FB
PLAN EP OCe14102-NX	NIC	10DF	720	10DF	E802
PLAN EP OCe14102 2x10Gb-T	NIC	10DF	720	10DF	E863
PLAN EP OCe14401 1x40Gb-T	NIC	10DF	720	10DF	E868
	iSCSI	10DF	722	10DF	E868
	FCoE	10DF	724	10DF	E868
MC-CNA102E	NIC	19A2	700	1734	118A
	iSCSI	19A2	702	1734	118A
	FCoE	19A2	704	1734	118A
MC-CNA112E	NIC	19A2	710	1734	119F
	iSCSI	19A2	712	1734	119F
	FCoE	19A2	714	1734	119F

Fujitsu Server with Emulex CNA onboard	Personality	Vendor-ID:	Device-ID:	Subsystem Vendor-ID:	Subsystem-ID:
OCI11102-LoM on BX920S3 / BX920S4	NIC	19A2	710	1734	11C1
	iSCSI	19A2	712	1734	11C1
	FCoE	19A2	714	1734	11C1
OCI11102-LoM on BX924S3 / BX924S4	NIC	19A2	710	1734	11C2
	iSCSI	19A2	712	1734	11C2
	FCoE	19A2	714	1734	11C2
OCI14102-LoM on BX2560M1 / BX2560M2	NIC	10DF	720	1734	11F9
	iSCSI	10DF	722	1734	11F9
	FCoE	10DF	724	1734	11F9
OCI14102-LoM on BX2580M1 / BX2580M2	NIC	10DF	720	1734	11FA
	iSCSI	10DF	722	1734	11FA
	FCoE	10DF	724	1734	11FA
OCI14000-LoM on RX2530M1, RX2530M2 RX2540M1, RX2540M2 RX2560M1, RX2560M2 TX2560M1, TX2560M2	NIC	10DF	720	1734	120A / 120C / 120D / 120E
	iSCSI	10DF	722	1734	120A / 120E
	FCoE	10DF	724	1734	120A / 120E

### Released Driver and Firmware Combinations

#### Broadcom CNA OCe10102-F MC-CNA102E

ESXi Version	Driver Name	Driver Version	Adapter Firmware
ESXi 5.5	elxnet	10.2.445.0 10.2.298.5	4.6.313.24
	be2iscsi	10.2.250.0	
	lpfc	10.2.455.0 10.2.426.0	
ESXi 5.5	elxnet	10.0.725.2	4.6.313.21 4.6.313.14
	be2iscsi	4.6.261.0	
	lpfc	10.0.575.10	
ESXi 5.0 / ESXi 5.1	be2net	10.2.453.0 10.2.293.0	4.6.313.24
	be2iscsi	10.2.250.0	
	lpfc820	10.2.459.0 10.2.292.0	
ESXi 5.0 / ESXi 5.1	be2net	4.6.142.10	4.6.313.21 4.6.313.14
	be2iscsi	4.6.142.2	
	lpfc820	8.2.4.151.65	
ESXi 5.0	be2net	4.2.327.0	4.2.401.25
	be2iscsi	4.0.317.1	
	lpfc820	8.2.4.141.55	
ESXi 5.0	be2net	4.0.355.2	4.0.487.13
	be2iscsi	4.0.317.1	
	lpfc820	8.2.2.105.36	

#### Broadcom CNA OCI11102-LoM MC-CNA112E

ESXi Version	Driver Name	Driver Version	Adapter Firmware
ESXi 6.7*	elxnet*	12.0.1115.0*	10.6.193.15
	elx2iscsi*	12.0.1108.0*	
	brcmfcoe*	12.0.1115.0*	
ESXi 6.5*	elxnet*	11.2.1149.0*	10.6.193.15
	elxiscsi*	11.2.1197.17*	
	brcmfcoe*	11.2.1153.13*	
ESXi 6.0*	elxnet*	11.2.1149.0*	10.6.193.15
	be2iscsi*	11.2.1197.17*	
	brcmfcoe*	11.2.1153.13*	
ESXi 6.5	elxnet	11.1.196.3-01	10.6.193.15
	elxiscsi	11.1.216.0	
	lpfc	11.1.196.3	
ESXi 6.0	elxnet	11.1.145.0	10.6.193.15
	be2iscsi	11.1.145.8	
	lpfc	11.1.145.18	
ESXi 6.0	elxnet	10.6.163.0	10.6.193.15
	be2iscsi	10.6.150.3	
	lpfc	10.6.144.49	

		10.6.126.0	
ESXi 6.0	elxnet	10.4.255.13	10.2.405.32
	be2iscsi	10.4.255.17	10.2.405.13
	lpfc	10.4.236.0	
ESXi 5.5	elxnet	11.1.145.0	10.6.193.15
	be2iscsi	11.1.145.8	
	lpfc	11.1.145.18	
ESXi 5.5	elxnet	10.6.163.0	10.6.193.15
	be2iscsi	10.6.150.3	
	lpfc	10.6.144.49 10.6.126.0	
ESXi 5.5	elxnet	10.2.445.0 10.2.298.5	10.2.405.32 10.2.405.13
	be2iscsi	10.2.250.0	
	lpfc	10.2.455.0 10.2.426.0	
ESXi 5.5	elxnet	10.0.725.2	4.6.313.21 4.6.313.14
	be2iscsi	4.6.261.0	
	lpfc	10.0.575.10	
ESXi 5.0 / ESXi 5.1	be2net	10.2.453.0 10.2.293.0	10.2.405.13
	be2iscsi	10.2.250.0	
	lpfc820	10.2.459.0 10.2.292.0	
ESXi 5.0 / ESXi 5.1	be2net	4.6.142.10	4.6.313.21 4.6.313.14
	be2iscsi	4.6.142.2	
	lpfc820	8.2.4.151.65	
ESXi 5.0	be2net	4.2.327.0	4.2.401.25
	be2iscsi	4.2.324.12	
	lpfc820	8.2.4.141.55	
ESXi 5.0	be2net	4.0.355.2	4.0.487.13
	be2iscsi	4.0.317.1	
	lpfc820	8.2.2.105.36	

\* RT 11.2 drivers only support the MC-CNA112E in BX25xx blade systems

**Broadcom PCNA EP OCe14102**  
**Broadcom PCNA EP OCe14401**  
**Broadcom OCI14000-LoM on FUJITSU Server PRIMERGY RX Rack / TX Tower Systems**

ESXi Version	Driver Name	Driver Version	Adapter Firmware
ESXi 6.7	elxnet	12.0.1115.0	12.0.1178.0
	elxiscsi	12.0.1108.0	
	brcmfcoe	12.0.1115.0	
ESXi 6.5	elxnet	12.0.1115.0	12.0.1178.0
	elxiscsi	12.0.1108.0	
	brcmfcoe	12.0.1115.0	
ESXi 6.7	elxnet	12.0.1115.0	11.2.1194.36
	elxiscsi	12.0.1108.0	
	brcmfcoe	12.0.1115.0	
ESXi 6.5	elxnet	11.2.1149.0	11.2.1194.36
	elxiscsi	11.2.1197.17	
	brcmfcoe	11.2.1153.13	

ESXi 6.0	elxnet	11.2.1149.0	11.2.1194.36
	be2iscsi	11.2.1197.17	
	brcmfcoe	11.2.1153.13	
ESXi 6.5	elxnet	11.1.196.3-01	11.1.172.23
	elxiscsi	11.1.216.0	
	lpfc	11.1.196.3	
ESXi 6.0	elxnet	11.1.145.0	11.1.172.23
	be2iscsi	11.1.145.8	
	lpfc	11.1.145.18	
ESXi 6.0	elxnet	10.6.163.0	10.6.193.31 10.6.193.23 10.6.193.15
	be2iscsi	10.6.150.3	
	lpfc	10.6.144.49	
		10.6.126.0	
ESXi 6.0	elxnet	10.4.255.13	10.2.405.33
	be2iscsi	10.4.255.17	
	lpfc	10.4.236.0	
ESXi 5.5	elxnet	11.1.145.0	11.1.172.23
	be2iscsi	11.1.145.8	
	lpfc	11.1.145.18	
ESXi 5.5	elxnet	10.6.163.0	10.6.193.31 10.6.193.23 10.6.193.15
	be2iscsi	10.6.150.3	
	lpfc	10.6.144.49	
		10.6.126.0	
ESXi 5.5	elxnet	10.2.445.0	10.2.405.33 10.2.405.18 10.2.348.36
		10.2.298.5	
	be2iscsi	10.2.250.0	
	lpfc	10.2.455.0	
		10.2.426.0	
ESXi 5.1	be2net	10.2.453.0	10.2.405.33 10.2.405.18 10.2.348.36
		10.2.293.0	
	be2iscsi	10.2.250.0	

#### Broadcom OCI14102-LoM on FUJITSU Server PRIMERGY BX Blade Systems

ESXi Version	Driver Name	Driver Version	Adapter Firmware
ESXi 6.7	elxnet	12.0.1115.0	11.2.1194.36
	elxiscsi	12.0.1108.0	
	brcmfcoe	12.0.1115.0	
ESXi 6.5	elxnet	11.2.1149.0	11.2.1194.36
	elxiscsi	11.2.1197.17	
	brcmfcoe	11.2.1153.13	
ESXi 6.0	elxnet	11.2.1149.0	11.2.1194.36
	be2iscsi	11.2.1197.17	
	brcmfcoe	11.2.1153.13	
ESXi 6.5	elxnet	11.1.196.3-01	11.1.172.23
	elxiscsi	11.1.216.0	
	lpfc	11.1.196.3	
ESXi 6.0	elxnet	11.1.145.0	11.1.172.23
	be2iscsi	11.1.145.8	
	lpfc	11.1.145.18	
ESXi 6.0	elxnet	10.6.163.0	10.6.193.31 10.6.193.23
	be2iscsi	10.6.150.3	

	lpfc	10.6.144.49 10.6.126.0	10.6.193.15
ESXi 6.0	elxnet	10.4.255.13	10.2.405.33
	be2iscsi	10.4.255.17	
	lpfc	10.4.236.0	
ESXi 5.5	elxnet	11.1.145.0	11.1.172.23
	be2iscsi	11.1.145.8	
	lpfc	11.1.145.18	
ESXi 5.5	elxnet	10.6.163.0	10.6.193.31
	be2iscsi	10.6.150.3	10.6.193.23
	lpfc	10.6.144.49 10.6.126.0	10.6.193.15
ESXi 5.5	elxnet	10.2.445.0 10.2.298.5	10.2.405.33 10.2.405.18
	be2iscsi	10.2.250.0	10.2.348.36
	lpfc	10.2.455.0 10.2.426.0	
ESXi 5.1	be2net	10.2.453.0 10.2.293.0	10.2.405.33 10.2.405.18
	be2iscsi	10.2.250.0	10.2.348.36

#### Broadcom PCNA EP OCec14102

ESXi Version	Driver Name	Driver Version	Adapter Firmware
ESXi 6.0	elxnet	10.6.163.0	10.6.193.31
	be2iscsi	10.6.150.3	10.6.193.23
	lpfc	10.6.144.49 10.6.126.0	10.6.193.15
ESXi 6.0	elxnet	10.4.255.13	10.2.370.914
	be2iscsi	10.4.255.17	
	lpfc	10.4.236.0	
ESXi 5.5	elxnet	10.6.163.0	10.6.193.23
	be2iscsi	10.6.150.3	10.6.193.15
	lpfc	10.6.144.49 10.6.126.0	
ESXi 5.5	elxnet	10.2.445.0 10.2.298.5	10.2.370.914
	be2iscsi	10.2.250.0	
	lpfc	10.2.455.0 10.2.426.0	
ESXi 5.1	be2net	10.2.453.0 10.2.293.0	10.2.370.914
	be2iscsi	10.2.250.0	

#### Broadcom PLAN EP OCe14102 Broadcom PLAN EP OCe14102 2x10Gb-T

ESXi Version	Driver Name	Driver Version	Adapter Firmware
ESXi 6.7	elxnet	12.0.1115.0	12.0.1178.0
ESXi 6.5	elxnet	12.0.1115.0	12.0.1178.0
ESXi 6.7	elxnet	12.0.1115.0	11.2.1194.36
ESXi 6.5	elxnet	11.2.1149.0	11.2.1194.36

ESXi 6.0	elxnet	11.2.1149.0	11.2.1194.36
ESXi 6.5	elxnet	11.1.196.3-01	11.1.172.23
ESXi 6.0	elxnet	11.1.145.0	11.1.172.23
ESXi 6.0	elxnet	10.6.163.0	10.6.193.23 10.6.193.15
ESXi 6.0	elxnet	10.4.255.13	10.2.405.33
ESXi 5.5	elxnet	11.1.145.0	11.1.172.23
ESXi 5.5	elxnet	10.6.163.0	10.6.193.23 10.6.193.15
ESXi 5.5	elxnet	10.2.445.0	10.2.405.33
ESXi 5.1	be2net	10.2.453.0 10.2.293.0	10.2.405.33

**Publication name** Fujitsu supportability for Broadcom CNA

**Additional Resources:**

1. To obtain VMware certified drivers please choose "VMware vSphere" on the following Website

<https://my.vmware.com/web/vmware/downloads>

2. All listed Firmware is available at the following Website

<http://download.ts.fujitsu.com>

3. The Fujitsu VMware ESXi customized ISO images and offline bundles are loadable from VMware download pages, which can be found in OEM Customized Installer CDs folder under:

[Download VMware vSphere Custom ISOs](#)

The user needs a VMware account and must be logged in to download data from VMware pages.

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