



SELECTION GUIDE

Broadcom Ethernet NICs



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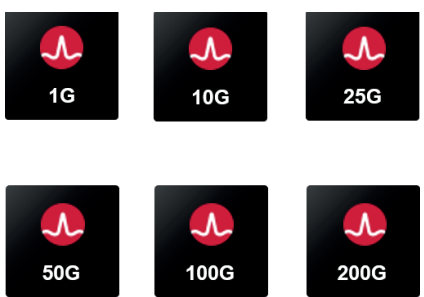
Ethernet Adapters

15+ year’s leadership in Ethernet NICs, validated on all major OEM platforms

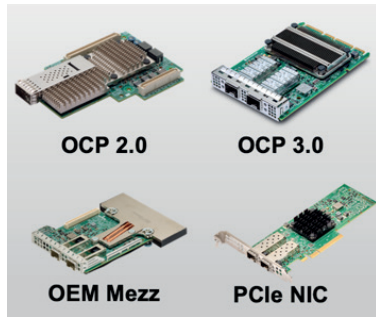
Broadcom Ethernet adapters are supported with a full suite of drivers for all major operating system distributions and versions. Available in PCIe 3.0 and 4.0 NIC and OCP mezzanine 2.0 and 3.0 form factors, Broadcom’s Ethernet network adapters support configurations ranging from 1G to 200G, from 2 and 4 ports and utilizing both optical and copper connectivity.

Designed for today’s enterprise and cloud-scale environments, Broadcom’s NetXtreme® E-Series Ethernet network adapters are the ideal solution for high-performance virtualisation, intelligent flow processing, secure data center connectivity, and machine learning.


Controllers



Adapters



Markets



PCIe NIC Ethernet Adapters

Part Number	Name	Port Speed	I/O	Host I/F	Multihost
Portfolio and Ordering Information					
BCM957508-P2200G	P2200G	2x 200GbE	QSFP56	PCIe 4.0 x16	No
BCM957508-P2100G	P2100G	2x 100GbE	QSFP56	PCIe 4.0 x16	No
BCM957414A4140C	P150p	1x 50GbE	QSFP28	PCIe 3.0 x8	No
BCM957504-P425G	P425G	4x 25GbE	SFP28	PCIe 4.0 x16	No
BCM957414A4142CC	P225p	2x 25GbE/10GbE	SFP28	PCIe 3.0 x8	No
BCM957412A4120AC	P210p	2x10GbE	SFP+	PCIe 3.0 x8	No
BCM957416A4160C	P210TP	2x 10GbE	RJ-45	PCIe 3.0 x8	No
BCM95720A2003AC	BCM5720-2P	2x 1GbE	RJ-45	PCIe 2.0 x1	No
BCM95719A1904AC	BCM5719-4P	4x 1GbE	RJ-45	PCIe 2.0 x4	No

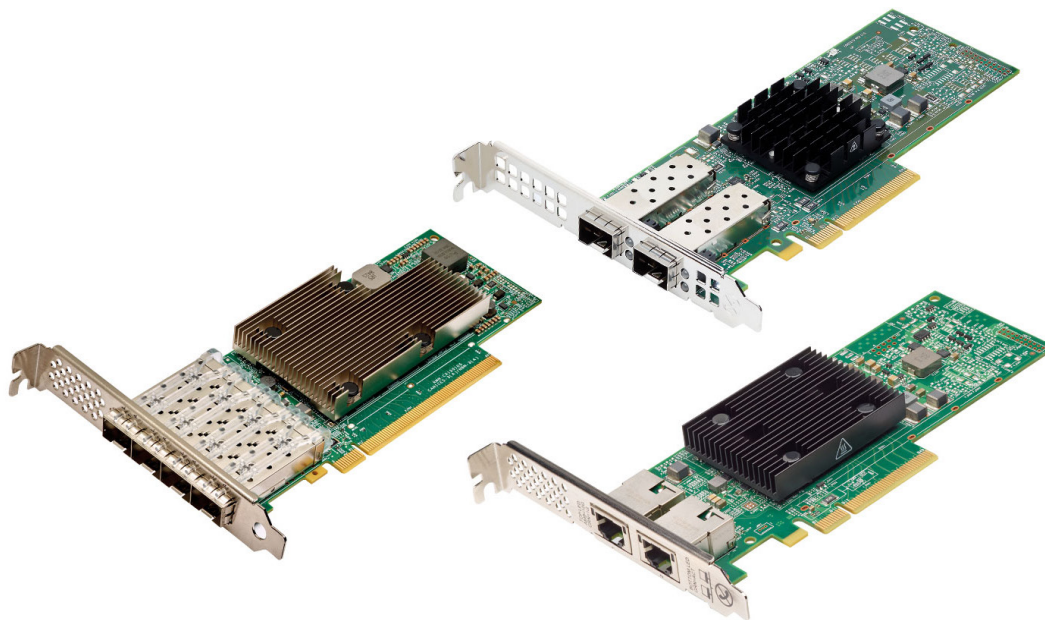
OCP NIC 3.0 Ethernet Adapters

Part Number	Name	Port Speed	I/O	Host I/F	Multihost
Portfolio and Ordering Information					
BCM957508-N2200G	N2200G	2x 200G	QSFP56	PCIe 3.0/4.0 x16	Yes
BCM957508-N2100G	N2100G	2x 100G	QSFP56	PCIe 3.0/4.0 x16	Yes
BCM957504-N1100G	N1100G	1x 100G	QSFP56	PCIe 3.0/4.0 x16	Yes
BCM957504-N425G	N425G	4x 25G	SFP28	PCIe 3.0/4.0 x16	No
BCM957414-N4140C	N225P	2x 25G	SFP28	PCIe 3.0 x8	No
BCM957416-N4160C	N210TP	2x 10GBASE-T	RJ-45	PCIe 3.0 x8	No
BCM957412-N4120C	N210P	2x 10G	SFP+	PCIe 3.0 x8	No
BCM95719-N1905C	N41T	4x 1G	RJ-45	PCIe 2.0 x4	No

Ethernet Adapters

OCP NIC 2.0 Ethernet Adapters

Part Number	Name	Port Speed	I/O	Host I/F	Multihost
Portfolio and Ordering Information					
BCM957504-M1100G16	M1100G16	1x 100GbE	QSFP28	PCIe 4.0 x16	No
BCM957452M4520C	M150PM	1x 50GbE	QSFP28	PCIe 3.0 x8	No
BCM957414M4143C	M150P	1x 50GbE	QSFP28	PCIe 3.0 x8	No
BCM957502-M150G	M150G	1x 50GbE	QSFP28	PCIe 4.0 x8	No
BCM957414M4142C	M225p	2x 25GbE	SFP28	PCIe 3.0 x8	No
BCM957412M4122C	M125p	1x 25GbE	SFP28	PCIe 3.0 x8	No
BCM957412M4123C	M210p	2x 10GbE	SFP+	PCIe 3.0 x8	No
BCM957416M4163C	M210TP	2x 10GBASE-T	RJ-45	PCIe 3.0 x8	No



Recommended Fiber Optic Transceivers for Ethernet NICs

Transceiver	Form Factor	Description
AFBR-89CDHZ	QSFP28	100G-SR4 (4x25G NRZ)(2x25G NRZ mode supported)
AFBR-735SMZ	SFP28	Dual rate 10G/25G-SR, 10G rate is power up default, Rate select pins or registers must be used to change rate
AFBR-710SMZ	SFP+	10G-SR



Connecting everything®



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