The Western Digital System Integration Lab tested the OpenFlex F3x00 and E3000 for the following hardware components and operating systems to demonstrate functional compatibility. Other combinations of hardware and software are expected to function with this product family, but have not been evaluated.

To use this document, click on the heading of any of the following cards to be taken to a detailed listing of the compatibility information for that device type. Preferred and newly qualified device models are listed under each card, and clicking the name of the device will take you to the details on that specific device model.

NICs

- Mellanox® ConnectX®-4 Lx Ethernet Adapter Card
- Mellanox ConnectX-5 Lx Ethernet Adapter Card
- Broadcom® NetXtreme®-E Series P225P Ethernet Adapter Card

Cables

- Mellanox MCP1600-C001 Direct Attach Cable
- Mellanox MCP1600-C002 Direct Attach Cable
- Mellanox MCP1600-C003 Direct Attach Cable
- Amphenol® NDARHG-0001 Direct Attach Cable
- Amphenol NDARHJ-0003 Direct Attach Cable

Switches

- Mellanox MSN2700-CS2R Open Ethernet Switch
- Mellanox MSN2410-CB2F Open Ethernet Switch
- Mellanox MSN2100-CB2F Open Ethernet Switch
- Lenovo® ThinkSystem NE2572 RackSwitch
- Cisco® N9K-9336C-FX2 Switch
- Arista® DCS-7050CX3-32S-R Switch

1.1 NIC Compatibility

Table 1: NIC Compatibility

Manufacturer	Model	OS Version	OS Driver Version	Device Firmware Version
Mellanox	ConnectX®-4 Lx Ethernet Adapter Card	RHEL/CentOS 7.5, 7.6 Ubuntu 18.04, 18.04.1, 18.04.3	4.6-1.0.1	12.25.1020 (MT_2150110033)
	ConnectX-5 Lx Ethernet Adapter Card	RHEL/CentOS 7.5, 7.6 Ubuntu 18.04, 18.04.1, 18.04.3	4.6-1.0.1	16.25.1020 (MT_0000000012)
Broadcom	NetXtreme®-E Series P225P Ethernet Adapter Card	RHEL/CentOS 7.5, 7.6 Ubuntu 18.04.3	1.10.1-214.0.259.5	214.4.9.17 pkg 214.0.286.32

Note: Broadcom NetXtreme-E Series P225P Ethernet Adapter Card does not support Ubuntu 18.04 and 18.04.1

Table 2: OCGUI Browser Compatibility

Browser	Version
Google Chrome	71.0.3578.98 and higher
Mozilla Firefox	40.15063.674.0 and higher
Microsoft Edge	60.5.0 and higher

Note: The OCGUI is not compatible with Internet Explorer.

1.2 Switch Compatibility

Table 3: Compatible Switches

Manufacturer	Model	Software Version
Mellanox	MSN2700-CS2R Open Ethernet Switch	3.8.2004
	MSN2410-CB2F Open Ethernet Switch	3.8.2004
	MSN2100-CB2F Open Ethernet Switch	3.8.2204
Lenovo	ThinkSystem NE2572 RackSwitch	10.10.3.0
Cisco	N9K-9336C-FX2 Switch	05.33
Arista	DCS-7050CX3-32S-R Switch	4.22.2.1F

1.3 Cable Compatibility

Table 4: Compatible Passive Cables

Manufacturer	Model	Length	Speed
Mellanox	MCP1600-C001 Direct Attach Cable	1m	100Gb/s
	MCP1600-C002 Direct Attach Cable	2m	100Gb/s
	MCP1600-C002E26N Direct Attach Cable	2m	100Gb/s
	MCP1600-C002E30N Direct Attach Cable	2m	100Gb/s
	MCP1600-C003 Direct Attach Cable	3m	100Gb/s
	MCP7H00-G001 Direct Attach Splitter Cable	1m	2 x 50Gb/s
	MCP7H00-G003 Direct Attach Splitter Cable	3m	2 x 50Gb/s
Amphenol	NDARHG-0001 Direct Attach Cable	1m	100Gb/s
	NDARHG-0002 Direct Attach Cable	2m	100Gb/s
	NDARHG-0004 Direct Attach Cable	4m	100Gb/s
	NDARHJ-0003 Direct Attach Cable	3m	100Gb/s
	NDARHJ-0005 Direct Attach Cable	5m	100Gb/s

Table 5: Compatible Active Cables

Manufacturer	Model	Length	Speed
Mellanox	MFA1A00-C005 Active Optical Cable	5m	100Gb/s
	MFA7A20-C003 Active Optical Cable	3m	100Gb/s
	MFA7A20-C010 Active Optical Cable	10m	100Gb/s

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1.5 Points of Contact

For further assistance with a Western Digital product, contact Western Digital Datacenter Platforms technical support. Please be prepared to provide the following information: part number (P/N), serial number (S/N), product name and/or model number, and a brief description of the issue.

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