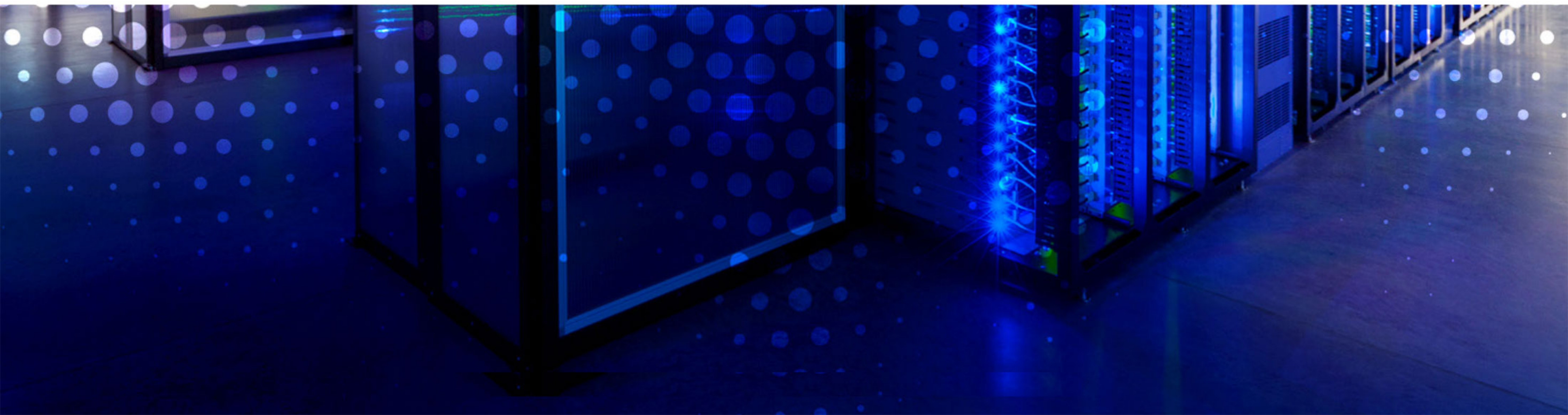




InfiniBand Trade Association Integrators' List

May 2025 - PF42



Conditions for Passing Interoperability Testing	
Performance	Devices must perform at advertised rates and latencies
Link Status	Link rate and width show expected values - i.e. 100GbE (4x)
Errors	There must be no errors recorded during any test phases

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InfiniBand Interoperability Scenarios

Scenario	RNIC-1	Switch-1	Switch-2	RNIC-2	Speed
Interop 01	MCX75510AAS-NEAT			MCX75510AAS-NEAT	400
Interop 02	MCX75510AAS-NEAT	MQM9790-NS2R		MCX75510AAS-NEAT	400
Interop 09	MCX75510AAS-NEAT			MCX75310AAS-NEAT	400
Interop 10	MCX75510AAS-NEAT	MQM9790-NS2R	MQM9700	MCX75510AAS-NEAT	400



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NDR InfiniBand

Scenario 01



Company	Part Number	Length Meters	AWG	Equalization	Connector Type	RNIC #1	Cable Under Test	RNIC #2	Link Width	Link Speed	Device Link	Open MPI + IMB Testing	Overall Result
BizLink	L45593-L887-C10	1	28	Copper - Unequalized	OSFP-RHS	MCX75510AAS-NEAT	L45593-L887-C10	MCX75510AAS-NEAT	4	400	Pass	Pass	Pass
BizLink	L45593-L887-C20	2	28	Copper - Unequalized	OSFP-RHS		L45593-L887-C20		4	400	Pass	Pass	Pass
BizLink	L45593-L887-C15	2	28	Copper - Unequalized	OSFP-RHS		L45593-L887-C15		4	400	Pass	Pass	Pass
CONNPRO,Ind.	RINFATFAT20002	2	28	Copper - Unequalized	OSFP-RHS		RINFATFAT20002		4	400	Pass	Pass	Pass
CONNPRO,Ind.	RINFATFAT30002	3	28	Copper - Unequalized	OSFP-RHS		RINFATFAT30002		4	400	Pass	Pass	Pass
Nvidia	MMA4Z00-NS400	5	N/A	Transceiver	OSFP-RHS		MMA4Z00-NS400		4	400	Pass	Pass	Pass
Nvidia	MMS4X00-NS400	5	N/A	Transceiver	OSFP-RHS		MMS4X00-NS400		4	400	Pass	Pass	Pass
NVIDIA	980-9I51S-00NS00 MMA4Z00-NS400	5	N/A	Transceiver	OSFP-RHS		980-9I51S-00NS00 MMA4Z00-NS400		4	400	Pass	Pass	Pass
NVIDIA	980-9I51S-00NS00 MMA4Z00-NS400	5	N/A	Transceiver	OSFP-RHS		980-9I51S-00NS00 MMA4Z00-NS400		4	400	Pass	Pass	Pass
OPTOMIND Inc	T8E4NHFN000SZZ	50	N/A	Transceiver	OSFP-RHS		T8E4NHFN000SZZ		4	400	Pass	Pass	Pass

RNIC #1 - NVIDIA	400 G	RNIC #2 - NVIDIA
MCX75510AAS-NEAT	Cable Under Test	MCX75510AAS-NEAT



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NDR InfiniBand

Scenario 02



Company	Part Number	Length Meters	AWG	Equalization	Connector Type	RNIC #1	Cable Under Test	Switch	RNIC #2	Link Width	Link Speed	Device Link	Open MPI + IMB Testing	Overall Result
Credo	CAC83X321A1B-C2-HW	7	32	Copper - Full Active	OSFP-IHS-Closed	MCX75510AAS-NEAT	CAC83X321A1B-C2-HW	MQM9790-NS2R	MCX75510AAS-NEAT	4	400	Pass	Pass	Pass
Credo	CAC83X321A1B-C2-HW	7	32	Copper - Full Active	OSFP-IHS-Closed		CAC83X321A1B-C2-HW			4	400	Pass	Pass	Pass
Nvidia-PF41	MCP7Y00-N002	2	26	Copper - Unequalized	OSFP-IHS-Open		MCP7Y00-N002			4	400	Pass	Pass	Pass
Nvidia-PF41	MCP7Y00-N002	2	26	Copper - Unequalized	OSFP-IHS-Open		MCP7Y00-N002			4	400	Pass	Pass	Pass
CONNPRO,Ind.	RINF9TFA210002	1	28	Copper - Unequalized	OSFP-IHS-Open		RINF9TFA210002			4	400	Pass	Pass	Pass
CONNPRO,Ind.	RINF9TFA220002	2	28	Copper - Unequalized	OSFP-IHS-Open		RINF9TFA220002			4	400	Pass	Pass	Pass
CONNPRO,Ind.	RINF9TFA230002	3	28	Copper - Unequalized	OSFP-IHS-Open		RINF9TFA230002			4	400	Pass	Pass	Pass
CONNPRO,Ind.	AINCF9FCL50TT1	50	N/A	Fiber - Active	OSFP-IHS-Closed		AINCF9FCL50TT1			4	400	Pass	Pass	Pass
Credo	CAC827321A2B-C1-HW	7	32	Copper - Full Active	OSFP-IHS-Closed		CAC827321A2B-C1-HW			4	400	Pass	Pass	Pass
Credo	CAC827321A2B-C1-HW	7	32	Copper - Full Active	OSFP-IHS-Closed		CAC827321A2B-C1-HW			4	400	Pass	Pass	Pass
Infraeo	A-100N-OC-2OR-030B	3	28	Copper - Linear Active	OSFP-IHS-Open		A-100N-OC-2OR-030B			4	400	Pass	Pass	Pass
Infraeo	P-100N-OC-2OR-020B	2	25	Copper - Unequalized	OSFP-IHS-Open		P-100N-OC-2OR-020B			4	400	Pass	Pass	Pass
The Siemon Company	F2R-N-P03.0-8ZB	3	25	Copper - Unequalized	OSFP-IHS-Open		F2R-N-P03.0-8ZB			4	400	Pass	Pass	Pass

RNIC #1 - NVIDIA	400G	Switch - NVIDIA	400G	RNIC #2 - NVIDIA
MCX75510AAS-NEAT	Cable Under Test	MQM9790-NS2R	Link	MCX75510AAS-NEAT



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Scenario 09



Company	Part Number	Length Meters	AWG	Equalization	Connector Type	RNIC #1	Cable Under Test	RNIC #2	Link Width	Link Speed	Device Link	Open MPI + IMB Testing	Overall Result
BizLink	L45593-L887-C10	1	28	Copper - Unequalized	OSFP-RHS	MCX75510AAS-NEAT	L45593-L887-C10	MCX75310AAS-NEAT	4	400	Pass	Pass	Pass
BizLink	L45593-L887-C20	2	28	Copper - Unequalized	OSFP-RHS		L45593-L887-C20		4	400	Pass	Pass	Pass
BizLink	L45593-L887-C15	2	28	Copper - Unequalized	OSFP-RHS		L45593-L887-C15		4	400	Pass	Pass	Pass
CONNPRO,Ind.	RINFATFAT20002	2	28	Copper - Unequalized	OSFP-RHS		RINFATFAT20002		4	400	Pass	Pass	Pass
CONNPRO,Ind.	RINFATFAT30002	3	28	Copper - Unequalized	OSFP-RHS		RINFATFAT30002		4	400	Pass	Pass	Pass
NVIDIA	980-9I51S-00NS00 MMA4Z00-NS400	5	N/A	Transceiver	OSFP-RHS		980-9I51S-00NS00 MMA4Z00-NS400		4	400	Pass	Pass	Pass
NVIDIA	980-9I51S-00NS00 MMA4Z00-NS400	5	N/A	Transceiver	OSFP-RHS		980-9I51S-00NS00 MMA4Z00-NS400		4	400	Pass	Pass	Pass
NVIDIA	MMS4X00-NS400	100	N/A	Transceiver	OSFP-RHS		MMS4X00-NS400		4	400	Pass	Pass	Pass
NVIDIA	MMS4X00-NS400	100	N/A	Transceiver	OSFP-RHS		MMS4X00-NS400		4	400	Pass	Pass	Pass
OPTOMIND Inc	T8E4NHFN000SZZ	50	N/A	Transceiver	OSFP-RHS	MCX75510AAS-NEAT	T8E4NHFN000SZZ	MCX75310AAS-NEAT	4	400	Pass	Pass	Pass
OPTOMIND Inc	T8E4NHFN000SZZ	50	N/A	Transceiver	OSFP-RHS		T8E4NHFN000SZZ		4	400	Pass	Pass	Pass

RNIC #1 - NVIDIA	400 G	RNIC #2 - NVIDIA
MCX75510AAS-NEAT	Cable Under Test	MCX75310AAS-NEAT



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NDR InfiniBand

Scenario 10



Company	Part Number	Length Meters	AWG	Equalization	Connector Type	RNIC #1	Switch #1	Cable Under Test	Switch #2	RNIC #2	Link Width	Link Speed	Device Link	Open MPI + IMB Testing	Overall Result
Amphenol	OP13PD8-005D	500	N/A	Transceiver	OSFP-IHS-Closed	MCX75510AAS-NEAT	MQM9790-NS2R	OP13PD8-005D	MQM9700	MCX75510AAS-NEAT	4	400	Pass	Pass	Pass
Amphenol	OP13PD8-005D	500	N/A	Transceiver	OSFP-IHS-Closed			OP13PD8-005D			4	400	Pass	Pass	Pass
Cisco Systems	M850P1AA-xxx	2000	N/A	Transceiver	OSFP-IHS-Closed			M850P1AA-xxx			4	400	Pass	Pass	Pass
Cisco Systems	M850P1AA-xxx	2000	N/A	Transceiver	OSFP-IHS-Closed			M850P1AA-xxx			4	400	Pass	Pass	Pass
Cisco Systems	M850D19A-xxx	2000	N/A	Transceiver	OSFP-IHS-Closed			M850D19A-xxx			4	400	Pass	Pass	Pass
Cisco Systems	M850D19A-xxx	2000	N/A	Transceiver	OSFP-IHS-Closed			M850D19A-xxx			4	400	Pass	Pass	Pass
Credo	CAC83X321A1A-C2-HW	7	32	Copper - Full Active	OSFP-IHS-Closed			CAC83X321A1A-C2-HW			4	400	Pass	Pass	Pass
Credo	CAC83X321A1A-C2-HW	7	32	Copper - Full Active	OSFP-IHS-Closed			CAC83X321A1A-C2-HW			4	400	Pass	Pass	Pass
FIT Electronics	CUKKP82-AZZ1B-EF	0.5	28	Copper - Unequalized	OSFP-IHS-Closed			CUKKP82-AZZ1B-EF			4	400	Pass	Pass	Pass
FIT Electronics	CUKKP82-1ZZ1B-EF	1	26	Copper - Unequalized	OSFP-IHS-Closed			CUKKP82-1ZZ1B-EF			4	400	Pass	Pass	Pass
FIT Electronics	CUKKP82-BZZ1C-EF	1.2	26	Copper - Unequalized	OSFP-IHS-Closed			CUKKP82-BZZ1C-EF			4	400	Pass	Pass	Pass
FIT Electronics	CUKKP82-BZZ1B-EF	1.5	26	Copper - Unequalized	OSFP-IHS-Closed			CUKKP82-BZZ1B-EF			4	400	Pass	Pass	Pass
FIT Electronics	CUKKP75-1ZZ10-EF	1	32	Copper - Unequalized	OSFP-IHS-Open			CUKKP75-1ZZ10-EF			4	400	Pass	Pass	Pass
FIT Electronics	CUKKP72-2ZZ10-EF	2	26	Copper - Unequalized	OSFP-IHS-Open			CUKKP72-2ZZ10-EF			4	400	Pass	Pass	Pass
FIT Electronics	CUKKP72-CZZ11-EF	2.2	26	Copper - Unequalized	OSFP-IHS-Open			CUKKP72-CZZ11-EF			4	400	Pass	Pass	Pass
FIT Electronics	CUKKP72-CZZ10-EF	2.5	26	Copper - Unequalized	OSFP-IHS-Open			CUKKP72-CZZ10-EF			4	400	Pass	Pass	Pass
Infraeo	A-100N-OC-OC-030B	3	28	Copper - Linear Active	OSFP-IHS-Open			A-100N-OC-OC-030B			4	400	Pass	Pass	Pass
Infraeo	P-200X-OC-OC-010B	1	26	Copper - Unequalized	OSFP-IHS-Open			P-200X-OC-OC-010B			4	400	Pass	Pass	Pass
Infraeo	P-100N-OC-OC-020B	2	25	Copper - Unequalized	OSFP-IHS-Open			P-100N-OC-OC-020B			4	400	Pass	Pass	Pass
Infraeo	O-100N-O-SR8	50	N/A	Transceiver	OSFP-IHS-Open			O-100N-O-SR8			4	400	Pass	Pass	Pass
Infraeo	O-100N-O-SR8	50	N/A	Transceiver	OSFP-IHS-Open			O-100N-O-SR8			4	400	Pass	Pass	Pass



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NDR InfiniBand

Scenario 10



Company	Part Number	Length Meters	AWG	Equalization	Connector Type	RNIC #1	Switch #1	Cable Under Test	Switch #2	RNIC #2	Link Width	Link Speed	Device Link	Open MPI + IMB Testing	Overall Result
Nvidia	980-9I30G-00NM00 MMS4X00-NM	500	N/A	Fiber - Active	OSFP-IHS-Open	MCX75510AAS-NEAT	MQM9790-NS2R	980-9I30G-00NM00 MMS4X00-NM	MQM9700	MCX75510AAS-NEAT	4	400	Pass	Pass	Pass
Nvidia	980-9I30G-00NM00 MMS4X00-NM	500	N/A	Fiber - Active	OSFP-IHS-Open			980-9I30G-00NM00 MMS4X00-NM			4	400	Pass	Pass	Pass
Nvidia	980-9I510-00NS00 MMA4Z00-NS	50	N/A	Fiber - Active	OSFP-IHS-Open			980-9I510-00NS00 MMA4Z00-NS			4	400	Pass	Pass	Pass
Nvidia	980-9I510-00NS00 MMA4Z00-NS	50	N/A	Fiber - Active	OSFP-IHS-Open			980-9I510-00NS00 MMA4Z00-NS			4	400	Pass	Pass	Pass
OPTOMIND Inc	T88D8EFN000DZZ	500	N/A	Transceiver	OSFP-IHS-Open			T88D8EFN000DZZ			4	400	Pass	Pass	Pass
OPTOMIND Inc	T88D8EFN000DZZ	500	N/A	Transceiver	OSFP-IHS-Open			T88D8EFN000DZZ			4	400	Pass	Pass	Pass
OPTOMIND Inc	T8E8NHFN100DZZ	50	N/A	Transceiver	OSFP-IHS-Open			T8E8NHFN100DZZ			4	400	Pass	Pass	Pass
OPTOMIND Inc	T8E8NHFN100DZZ	50	N/A	Transceiver	OSFP-IHS-Open			T8E8NHFN100DZZ			4	400	Pass	Pass	Pass
The Siemon Company	F1F-N-A02.0-8ZB	2	30	Copper - Linear Active	OSFP-IHS-Open			F1F-N-A02.0-8ZB			4	400	Pass	Pass	Pass
The Siemon Company	F1F-N-P03.0-8ZB	3	25	Copper - Unequalized	OSFP-IHS-Open			F1F-N-P03.0-8ZB			4	400	Pass	Pass	Pass

RNIC #1 - NVIDIA	400G	SWITCH #1 - NVIDIA	400G	SWITCH #2 - NVIDIA	400G	RNIC #2 - NVIDIA
MCX75510AAS-NEAT	Link	MQM9790-NS2R	Cable Under	MQM9700	Link	MCX75510AAS-NEAT