

eterio SAN MD & eterio SAN JBOD

Hardware Compatibility Matrix

Version 201902

Epsilon Sp z o.o. Sp. Komandytowa
ul. Zygmunta Vogla 8
02-963 Warszawa / Poland
support@eterio.eu

Sales contact: +48 (22) 270 7000 / Service contact: +48 (18) 443 6509

Disclaimer

1. The Hardware Compatibility Matrix is for reference purpose only. It is subject to update at any time without notice.
2. The compatibility test uses the versions as listed only.
3. Although the test may spend a few hours up to a few days, it does not guarantee the quality or reliability of these devices. The 3rd party device which has been listed means, that it can work with our product at the time when testing it.
4. If you don't find on the list a component which you already use, it's doesn't mean, that this component (HBA; JBOD; UPS, ...) don't work with our solution - we just don't tested it

Revision History

Date	Version	Description
02.02.2019	201902	Add FC HBA - Cavium (QLogic) 2690 Series in "FC HBA".
02.02.2019	201902	Add 16Gb FC Switch - Broadcom Brocade 6510 Switch in "Switch".
02.02.2019	201902	Add 1GbE/10GbE Switch - i3 i3 International S242 in "Switch".
02.02.2019	201902	Add SAS 2.5" SSD - Seagate Nytro 3330 SAS SSD Series in "SAS SSD".

Interface	Brand	Series	Model	Port	Bus Type	I/O	BIOS	FW	Comment	
FC	ATTO	Celerity	FC-164E	4	PCIe 3.0 x8	16Gb/s FC	1.02	1.1.43.18		
			FC-161E	2						
			FC-164E	1						
	Broadcom (Emulex)	LightPulse	LPe16004	4			6.01a3	1.1.21.8		Point-to-Point mode only
			LPe16002B	2						
			LPe16000B	1						
	Cavium (Brocade)	1800	BR-1860	2	PCIe 2.0 x8		3.2.3.0			
	Cavium (QLogic)	2690	QLE2694	4	PCIe 3.0 x8	01.01.83	9.2.9.20			
			QLE2694L	4						
			QLE2692	2						
			QLE2690	1						
2670		QLE2672	2	PCIe 2.0 x8		8.05.00.03.55.6-k				
		QLE2670	1							
iSCSI	ATTO	FastFame	NS14	4	PCIe 2.0 x8	10GbE SFP+				
			NS12	2						
			NS11	1						
	Broadcom (Emulex)		OCe10102-IX-D	2	2.103.397.13					
	Intel	X710	X710-DA4	4	PCIe 3.0 x8		5,02	5,02		
			X710-DA2	2						
		X520	X520-SR2	2	PCIe 2.0 x8					
	X540	X540-T2	2	10GBase-T						
	Mellanox	ConnectX-3 Pro EN	MCX312B-XCCT	2	PCIe 3.0 x8	10GbE SFP+		2.36.5150	Support Windows 2012 R2 only	
		ConnectX-3 Pro EN	MCX312A-XCCT (1 Port)	1						
	Broadcom		NetXtreme II 5709	2	PCIe x4	1GbE			iSCSI offload	
	HP		NC380T		PCIe		1.9.6	N/A		
			NC360T							
	QLogic		QLE4062C					1,15	3.0.1.53	iSCSI offload
	SAS	ATTO	ExpressSAS	H12F0	4	PCIe 3.0 x8	12Gb/s SAS		2016_01_05	
H1280				2						
Broadcom (LSI)		SAS	9302-16e	4	PCIe 3.0 x16	P12		P12		
			9300-16e		PCIe 3.0 x8					
			9300-8e						2	
Areca		ARC-1883 Series	ARC-1883x	1	PCIe 3.0 x8	12Gb/s SAS		1,54		
			ARC-1883LP							
			ARC-1883ix-12							
			ARC-1883ix-16							
			ARC-1883ix-24							
Broaccomm (LSI)		MegaRAID SAS	9380-8e	2			24.15.0-0016			
ATTO		ExpressSAS	ExpressSAS H6F0	4	PCIe 2.0 x8	6Gb/s SAS		2016_01_05		
Broaccomm (LSI)		SAS	9207-8e	2	PCIe 3.0 x8		P20	P20		
		SAS	9200-8e		PCIe 2.0 x8					
ATTO		ExpressSAS	R680	2	PCIe 2.0 x8	6Gb/s SAS		2016_03_16		
Broaccomm (LSI)	MegaRAID SAS	9286-8e	PCIe 3.0 x8		23.34.0-0005					

Brand	Series	Model	Type	I/O	Family Models	Comment
Broocom (LSI)	Brocade 6510 Switch	6510	48 x 16Gb/s (SFP+) ports	16Gb FC		
Broocom (LSI)	Brocade 6505 Switch	6505	24 x 16Gb/s (SFP+) ports			
HPE		NS3000B	24 x 16Gb/s (SFP+) ports			
Cisco		Nexus 5010	20 x 10GbE (SFP+) ports	10GbE SFP+		
Dell		PowerConnect 8024F	24 x 10GbE (SFP+) ports			
Dell		PowerConnect 8024	24 x 10GbE (RJ45) ports			
HP		ProCurve E5406zl (J8697A)	ProCurve Switch E5406zl Intelligent Edge (J8697A) + 8 x 10GbE (SFP+) port v2 zl Module (J9538A)			
i3 International	PoE	S242	24 x 1GbE (RJ45/PoE/PoE+) ports + 4 x 10GbE (SFP+) ports			
Mellanox	SX1000 Series	SX1012	12 x 40/56GbE (QSFP) ports + 48 x 10GbE ports		SX1012X	

Brand	Series	Model	Type	Family Models	Comment
APC	Smart-UPS		Smart-UPS + UPS Network Management Cards		
APC	Smart-UPS	SMT750TW + AP9630	Management with Serial Port, USB Port SNMP with AP9630 (SNMPv1/v3)	SMT1000 SMT1000RM2U SMT1500 SMT1500RM2U SMT2200 SMT2200RM2U SMT3000 SMT3000RM2U	
CyberPower	Smart App Sinewave	PR750LCD + RMCARD205	Management with Serial Port, USB Port, and EPO SNMP / HTTP Remote Monitoring with RMCARD205 (SNMPv1/v3)	PR1000LCD PR1500LCD PR1000LCDRT2U PR1500LCDRT2U PR2200LCDRT2U PR3000LCDRT2U	
Eaton	9130	PW9130L1000R-XL2U + Network Card-MS	Management with Serial Port, USB Port SNMP with Network Card-MS (SNMPv1/v3)	Eaton 9130 Rack Eaton 9130 Tower	
Powercom	Vanguard	VGD-700 + UPS SNMP Network Management Card	Management with Serial Port, USB Port SNMP with UPS SNMP Network Management Card (SNMPv1)	VGD-1000 VGD-1500	Not support SNMPv3

Brand	Series	Model	Height Units	Number of disk slots	Interface	Manufacturer SKU's	FW
eterio JBOD							
eterio	eterio SAN JBOD	2212	2U	12	12Gb/s SAS wide ports (SFF-8644)	SAN-JBOD2212-xxxx	1.0.2
		2226	2U	26		SAN-JBOD2226-xxxx	
		3216	3U	16		SAN-JBOD32162-xxxx	
		4224	4U	24		SAN-JBOD4224-xxxx	
Third party JBOD							
eAegis	J300Q	D212	2U	12	6Gb/s SAS (SFF-8088)	J300Q-D212	0.96
		D316	3U	16		J300Q-D316	
		D424	4U	24		J300Q-D424	
		D460	4U	60		J300Q-D460	
Nexsan	E-Series V	E48XV	4U	48	6Gb/s SAS (SFF-8088)	E48XVR96N/2, E48XVR192N/4, E48XVR192U/4, E48XVR288N/6, E48XVR288V/6, E48XVR384N/8, E48XVR480N/10, E48XVR480U/10, E48XVR576N/12, E48XVR28K8/600, E48XVR43J2/900, E48XVR57J6/1P2, E48XVR57S6/1P2, E48XVR86J4/1P8, E48XVR115J2/2P4, E48XVR115V2/2P4	Q011.1207.1
		E60XV	4U	60		E60XVR120N/2, E60XVR240N/4, E60XVR240U/4, E60XVR360N/6, E60XVR360V/6, E60XVR480N/8, E60XVR600N/10, E60XVR600U/10, E60XVR720N/12, E60XVR36K0/600, E60XVR54J0/900, E60XVR72J0/1P2, E60XVR72S0/1P2, E60XVR108J0/1P8, E60XVR144J0/2P4, E60XVR144V0/2P4	
	Beast-Series	BT60X	4U	60	6Gb/s SAS (SFF-8088)	BT60XVR120Z/2, BT60XVR240Z/4, BT60XVR360Z/6, BT60XVR480Z/8, BT60XVR600Z/10	R011.1207.1
	E-Series P	E48XP	4U	48	12Gb/s SAS wide ports (SFF-8644)	E48XPR96N/2, 48XPR192N/4, E48XPR192U/4, E48XPR288N/6, E48XPR288V/6, E48XPR384N/8, E48XPR480N/10, E48XPR480U/10, E48XPR576N/12, E48XPR28K8/600, E48XPR43J2/900, E48XPR57J6/1P2, E48XPR57S6/1P2, E48XPR86J4/1P8, E48XPR115J2/2P4, E48XPR115V2/2P4	S011.1303.1
		E60XP	4U	60		E60XPR120N/2, E60XPR240N/4, E60XPR240U/4, E60XPR360N/6, E60XPR360V/6, E60XPR480N/8, E60XPR600N/10, E60XPR600U/10, E60XPR720N/12, E60XPR36K0/600, E60XPR54J0/900, E60XPR72J0/1P2, E60XPR72S0/1P2, E60XPR108J0/1P8, E60XPR144J0/2P4, E60XPR144V0/2P4	
	DDN	StorageScaler	8462	4U	84	12Gb/s SAS wide ports (SFF-8644)	SS8462-SBOD
		9012	4U	90	SS9012-SBOD		
Western Digital	Ultrastar	Data60	4U	60	12Gb/s SAS wide ports (SFF-8644)	1ES1147, 1ES1227, 1ES0252, 1ES0323, 1ES0332, 1ES0341, 1ES1148, 1ES1228, 1ES0253, 1ES0324, 1ES0333, 1ES1454, 1ES1149, 1ES1229, 1ES0254, 1ES0325, 1ES0334, 1ES1455, 1ES1150, 1ES1230, 1ES0286, 1ES0326, 1ES0335, 1ES1457, 1ES1151, 1ES1231, 1ES0318, 1ES0327, 1ES0336, 1ES1458, 1ES1152, 1ES1232, 1ES0319, 1ES0328, 1ES0337, 1ES1456, 1ES1153, 1ES1233, 1ES0320, 1ES0329, 1ES0338, 1ES1459, 1ES1154, 1ES0250, 1ES0321, 1ES0330, 1ES0339, 1ES1460, 1ES1226, 1ES0251, 1ES0322, 1ES0331, 1ES0340	1.42
Seagate	Exos	ESU84	5U	84	12Gb/s SAS wide ports (SFF-8644)	SEAS-X5U84-672TB-JBOD, SEAS-X5U84-840TB-JBOD, SEAS-X5U84-1008TB-JBOD	