

## SAS/SATA JBOD Models Comparison Table

Models --->	Cable-less IO Module-to-Backplane				Cabled IO Module-to-Backplane	
	E2128J	XC1202J	SB-3163J	E4248J	CS316J	CS524J
<b>Form Factor</b>	2U Rackmount	2U Rackmount	3U Rackmount	4U Rackmount	3U Rackmount	5U Rackmount
<b>Number of Disk</b>	12 x SAS or SATA disks	12 x SAS or SATA disks	16 x SAS or SATA disks	24 x SAS or SATA disks	16 x SAS or SATA disks	24 x SAS or SATA disks
<b>IO Module &amp; Backplane</b>	Cable-less	Cable-less	Cable-less	Cable-less Optional Second IO Module for Path-Failover	Cabled	Cabled
<b>Host Interface/ In &amp; Out Ports</b>	1 x 8088 mini-SAS In-Port 1 x 8088 mini-SAS Out-Port	1 x 8088 mini-SAS In-Port 2 x 8088 mini-SAS Out-Port	1 x 8088 mini-SAS In-Port 2 x 8088 mini-SAS Out-Port	1 x 8470 (infiniband) In-Port /per IO Module 1 x 8470 (infiniband) Out-Port /per IO Module	1 x 8088 mini-SAS In-Port 2 x 8088 mini-SAS Out-Port	1 x 8088 mini-SAS In-Port 2 x 8088 mini-SAS Out-Port
<b>Path-Failover Support</b>	N/A	N/A	N/A	Yes, with optional second IO Module for SAS drives. SATA disks require additional Interposer adapters	N/A	N/A
<b>LCD Display</b>	Front LCD Display	Front LCD Display	Front LCD Display	N/A	Rear LCD Display	Rear LCD Display
<b>SES (SCSI Enclosure Services)</b>	Yes. Report status to RAID & RAID GUI: HDD, Temp, Fan, Power (see separate doc for detail )	Yes. Report status to RAID & RAID GUI: HDD, Temp, Fan, Power (see separate doc for detail )	Yes. Report status to RAID & RAID GUI: HDD, Temp, Fan, Power (see separate doc for detail )	Yes. Report status to RAID & RAID GUI: HDD, Temp, Fan, Power (see separate doc for detail )	Reports disk status But No implementation for: Temperature, Fan, Power	Reports disk status But No implementation for: Temperature, Fan, Power
<b>External RAID Head Support</b>	N/A	Yes. Attached to XC-1202-FS or XC-1202SS RAID box as capacity expansion unit	Yes. Attached to SB-3163S-F4S3 or SB-3163S-S3S3 RAID box as capacity expansion unit	N/A	To Be Verified	To Be Verified
<b>Multi-Boxes Support</b>	Up to 5 units / 60 disks daisy-chained	Up to 7 units / 84 disks Unique Pyramid Structure	Up to 7 units / 112disks Unique Pyramid Structure	Up to 4 units / 96 disks daisy-chained	Up to 3 units / 48 disks Unique Pyramid Structure	Up to 3 units / 72 disks Unique Pyramid Structure
<b>PCI SAS RAID &amp; HBA Adapter Compatability</b>	<ul style="list-style-type: none"> <li>• Areca ARC-1680 Series (1680X/LP/IX-xx)</li> <li>• LSI SAS MegaRAID,</li> <li>• Intel SAS RAID</li> <li>• Dell PERC 6/E</li> <li>• Adaptec SAS RAID</li> </ul>	<ul style="list-style-type: none"> <li>• Areca ARC-1680 Series (1680X/LP/IX-xx)</li> <li>• LSI SAS MegaRAID,</li> <li>• Intel SAS RAID</li> <li>• Dell PERC 6/E</li> </ul>	<ul style="list-style-type: none"> <li>• Areca ARC-1680 Series (1680X/LP/IX-xx)</li> <li>• LSI SAS MegaRAID,</li> <li>• Intel SAS RAID</li> <li>• Dell PERC 6/E</li> </ul>	<ul style="list-style-type: none"> <li>• Areca ARC-1680 Series (1680X/LP/IX-xx)</li> <li>• LSI SAS MegaRAID,</li> <li>• Intel SAS RAID</li> <li>• Adaptec SAS RAID</li> <li>• 3Ware SAS RAID Adapter</li> </ul>	<ul style="list-style-type: none"> <li>• Areca ARC-1680 Series (1680X/LP/IX-xx)</li> <li>• LSI SAS MegaRAID,</li> <li>• Intel SAS RAID</li> <li>• Dell PERC 6/E</li> </ul>	<ul style="list-style-type: none"> <li>• Areca ARC-1680 Series (1680X/LP/IX-xx)</li> <li>• LSI SAS MegaRAID,</li> <li>• Intel SAS RAID</li> <li>• Dell PERC 6/E</li> </ul>
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**Remarks:** separate documentations will be provided for detail of SES support, Multi-box support, and SAS RAID Adapter Compatability