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Network Adapters

Faster, More Flexible Networking

With outstanding performance, high power efficiency and excellent value, Supermicro's network adapters can help improve network throughput and application performance through features that maximize bandwidth and offload CPU resources. From 100G, 50G, 40G, 25G Ethernet to InfiniBand technologies, multi-port connectivity, in SIOM, Ultra, microLP and standard form factors, Supermicro's network adapters are optimized for the most demanding multi-core computing systems.

100G Controllers



Model	AOC-SHFI-i1C	AOC-S100G-m2C
Type	Standard Low Profile	Standard Low-Profile
Description	Single Port 100Gbps Intel® Omni Path Host Fabric Interface Adapter	Dual-port 100GbE
Interface	PCI-E 3.0 x16	PCI-E 3.0 x16
Port	1 QSFP28	2 QSFP28
Speed	100Gbps	100Gbps/port
Controller	Intel® OPA HFI ASIC	Mellanox® ConnectX-4 EN
Dimension (LxW) (without end brackets)	6.6" x 2.713" (16.76 x 6.89cm)	6.6" x 2.713" (16.76 x 6.89cm)
Compatible Motherboards	All MBs with a PCI-E x16 slot	All MBs with a PCI-E x16 slot
Compatible Servers	All Servers with a PCI-E x16 slot	All Servers with a PCI-E x16 slot

IB Controllers



Model	AOC-CIBF-m1
Type	MicroLP
Description	MicroLP single-port IB FDR/40G Ethernet
Interface	PCI-E 3.0 x8
Port	1 QSFP port / 2 USB ports
Speed	56Gb/port (IB) or 40Gb/port (Ethernet)
Controller	Mellanox® ConnectX-3 FDR
Dimension (LxW) (without end brackets)	4.85" x 1.54" (12.3 x 3.9cm)
Compatible Motherboards	X9DRT-HF+, X9SRD-F, X9DRFR, X10DRFR, X10DRFR-N(T)
Compatible Servers	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin

10GbE Controllers







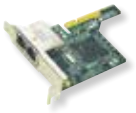
Model	AOC-CTGS-i2T	AOC-STG-b4S	AOC-CTG-i2T	AOC-CTG-i2S	AOC-CTG-i1S
Type	MicroLP	Standard Low-profile	MicroLP	MicroLP	MicroLP
Description	MicroLP Dual-port 10GbE	Standard Low-profile 10GbE	MicroLP Dual-port 10GbE	Dual-port 10GbE	Single-port 10GbE
Interface	PCI-E 3.0 x4	PCI-E x8	PCI-E 2.0 x8	PCI-E x8	PCI-E x8
Port	2 RJ45	4 SFP+	2 RJ45	2 SFP+ ports / 2 USB ports	1 SFP+ port / 2 USB ports
Ethernet Speed	10Gb/port	10Gb/port	10Gb/port	10Gb/port	10Gb/port
Controller	Intel® X550-AT2	Broadcom® BCM57840S	Intel® X540	Intel® 82599ES	Intel® 82599EN
Dimension (LxW) (without end brackets)	4.45" x 1.54" (11.3 x 3.9cm)	5.4" x 2.73" (13.7 x 6.9cm)	4.8" x 2.75" (12.32 x 7.0cm)	4.85" x 1.54" (12.3 x 3.9cm)	4.45" x 1.54" (11.3 x 3.9cm)
Compatible Motherboards	X11SSE-F	Al MBs with a PCI-E x8 slot	X9DRT-HF+, X9DRFR, X10DRFR, X10DRFR-N(T)	X9DRT-HF+, X9SRD-F, X9DRFR, X10DRFR, X10DRFR-N(T)	X9DRT-HF+, X9SRD-F, X9DRFR, X10DRFR, X10DRFR-N(T)
Compatible Servers	MicroCloud, 2U Twin²+, 2U Twin+ and FatTwin	All servers with a PCI-E x8 slot	2U Twin+, and FatTwin w/ 4-node only	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin

25/1GbE Controllers & SFP+ Transceiver

25GbE | 25GbE | 25GbE | GbE | GbE | GbE | SFP+ Transceiver








Model	AOC-S25G-b2S	AOC-S25G-m2S	AOC-C25G-m2S	AOC-CG-i2	AOC-CGP-i2	AOC-PG-i2+*	AOC-E10GSFPSR
Type	Standard Low-profile	Standard Low-Profile	MicroLP	MicroLP	MicroLP	Proprietary	SFP+ Transceiver
Description	Dual-port 25GbE	Dual-port 25GbE	Dual-port 25GbE with NC-SI	Dual-port GbE	Dual-port GbE	Low-profile Dual-port GbE	1000Base-SX / 10GBase-SR plug-in module
Interface	PCI-E x8	PCI-E 3.0 x8	PCI-E 3.0 x8	PCI-E x4	PCI-E x4	PCI-E x4	Cabling Type: MMF 62.5/50 µm
Port	2 SFP28	2 SFP28	2 SFP28 ports	2 RJ45 ports	2 RJ45 ports	2 RJ45 ports	Compatible Add-on Cards: AOC-STG-i4S, AOC-STGN-i1S, AOC-STGN-i2S, AOC-STG-b4S, AOC-CTG-i1S, AOC-CTG-i2S, AOC-PTG-i1S, AOC-MTG-i4S, AOC-MTGN-i2S
Speed	25Gb/port	25Gb/port	25Gb/port	1 Gb/port	1Gb/port	1 Gb/port	
Controller	Broadcom® BCM57414	Mellanox® ConnectX-4 LX	Mellanox ConnectX-4 Lx EN	Intel® 82580	Intel® i350	Intel® 82576EB	
Dimension (LxW) (without end brackets)	5.6" x 2.713" (14.224 x 6.89cm)	6.6" x 2.713" (16.76 x 6.89cm)	4.45" x 1.54" (12.3 x 3.9cm)	4.45" x 1.32" (11.3 x 3.35cm)	4.45" x 1.54" (11.3 x 3.9cm)	3.78" x 2.44" (9.6 x 6.2cm)	
Compatible Motherboards	Al MBs with a PCI-E x8 slot	Al MBs with a PCI-E x8 slot	X9DRT-HF+, X9SRD-F, X9DRFR	X9SCD-F	X9DRT-HF+, X9SRD-F, X9DRFR	X8DTU/-F (Require RSC-R1UU-E8PR)	
Compatible Servers	All servers with a PCI-E x8 slot	All servers with a PCI-E x8 slot	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin	5037MC-H8TRF	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin	6016T-UF, 6016T-NTF, 6016T-NTRF, 1026T-URF, 1026T-UF, 6016T-URF (Require RSC-R1UU-E8PR)	

* Standard form factor is available as integrated solution with Supermicro server and motherboards.

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MicroLP Network Cards

FatTwin™ supports MicroLP Network Cards



Model	AOC-CIBF-m1	AOC-CTGS-i2T	AOC-CTG-i2T	AOC-CTG-i2S	AOC-CTG-i1S	AOC-CGP-i2	AOC-C25G-m2S
Form Factor	MicroLP	MicroLP	2U MicroLP	MicroLP	MicroLP	MicroLP	MicroLP
Description	Single-port IB FDR/40G Ethernet	Dual-port 10GBase-T with NC-SI	Dual-port 10GBase-T	Dual-port 10GbE SFP+	Single-port 10GbE SFP+ with NC-SI	Dual-port GbE	Dual-port 25GbE with NC-SI
Interface	PCI-E 3.0 x8	PCI-E 3.0 x4	PCI-E 2.0 x8	PCI-E x8	PCI-E x8	PCI-E x4	PCI-E 3.0 x8
Port	1 QSFP port / 2 USB ports	2 RJ45 ports	2 RJ45 ports	2 SFP+ ports / 2 USB ports	1 SFP+ port / 2 USB ports	2 RJ45 ports	2 SFP28 ports
Speed	56Gb/port (IB) or 40Gb/port (Ethernet)	10Gb/port	10Gb/port	10Gb/port	10Gb/port	1Gb/port	25Gb/port
Controller	Mellanox® ConnectX-3 FDR	Intel® X550	Intel® X540	Intel® 82599ES	Intel® 82599EN	Intel® i350	Mellanox ConnectX-4 Lx EN
Dimension (LxW) (without end brackets)	4.85" x 1.54" (12.3 x 3.9cm)	4.45" x 1.54" (11.3 x 3.9cm)	4.8" x 2.75" (12.3 x 7.0cm)	4.85" x 1.54" (12.3 x 3.9cm)	4.45" x 1.54" (11.3 x 3.9cm)	4.45" x 1.54" (11.3 x 3.9cm)	4.45" x 1.54" (11.3 x 3.9cm)
F617R2-R*/ F618R2-R* (FatTwin 8 node RIO)	Compatible with 1U bracket	Compatible with 1U bracket	N/A	Compatible with 1U bracket	Compatible with 1U bracket	Compatible with 1U bracket	TBD
F627R3-R*/ F628R3-R* (FatTwin 4 nodes RIO)	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	TBD
F627R2-RTB+* (FatTwin 4 Nodes)	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	TBD
F627R2-RT+* (FatTwin 4 Nodes)	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	Compatible with 2U bracket	TBD

Accessory Modules

MCP-240-42408-0N-PAC	Mounting bracket for the Intel® Xeon Phi™ co-processor card for configurations using the Xeon Phi™
MCP-220-93801-0B	HDD hot swap bracket that includes the 3.5" to 2.5" adapter plate
MCP-240-00134-0N	Adapter bracket to mount a 2.5" drive into an IO expansion slot
MCP-240-00131-1N	Adapter bracket to mount a 2.5" drive on to a 3.5" drive bay in the FatTwin Hadoop.
MCP-220-00044-0N	Adapter bracket to mount two 2.5" drives on to a 3.5" drive tray in the F617R3
SFT-OOB-LIC	License key for enabling OOB BIOS management
SFT-DCMS-Single	Datacenter Server Management Software Package

** Uses 2 right angle SATA cables (CBL-0231L)*

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Micro-LP Cards for 2U Twin Servers



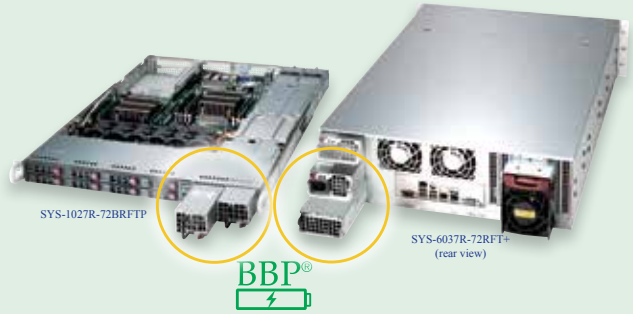
Model	AOC-CIBF-m1	AOC-CTG-i1S	AOC-CTG-i2S	AOC-CGP-i2	AOC-CTG-i2T	AOC-CTGS-i2T	AOC-C25G-m2S
Type	Micro-LP	Micro-LP	Micro-LP	Micro-LP	MicroLP	MicroLP	MicroLP
Description	Micro-LP single-port IB FDR/40G Ethernet	Single-port 10GbE with NC-SI	Dual-port 10GbE	Dual-port GbE	MicroLP Dual-port 10GbE	Dual-port 10GBase-T with NC-SI	Dual-port 25GbE with NC-SI
Interface	PCI-E 3.0 x8	PCI-E x8	PCI-E x8	PCI-E x4	PCI-E 2.0 x8	PCI-E 3.0 x4	PCI-E 3.0 x8
Port	1 QSFP port / 2 USB ports	1 SFP+ port / 2 USB ports	2 SFP+ ports / 2 USB ports	2 RJ45 ports	2 RJ45	2 RJ45	2 SFP28 ports
Speed	56Gb/port (IB) or 40Gb/port (Ethernet)	10Gb/port	10Gb/port	1Gb/port	10Gb/port	10Gb/port	25Gb/port
Controller	Mellanox® ConnectX-3 FDR	Intel® 82599EN	Intel® 82599ES	Intel® i350	Intel® X540	Intel® X550	Mellanox ConnectX-4 Lx EN
Dimension (LxW) (without end brackets)	4.85" x 1.54" (12.3 x 3.9cm)	4.45" x 1.54" (11.3 x 3.9cm)	4.85" x 1.54" (12.3 x 3.9cm)	4.45" x 1.54" (11.3 x 3.9cm)	4.8" x 2.75" (12.3 x 7.0cm)	4.45" x 1.54" (11.3 x 3.9cm)	4.45" x 1.54" (11.3 x 3.9cm)
Compatible Motherboards	X9DRT-HF+, X9SRD-F	X9DRFR	X9DRT-HF+, X9SRD-F, X9DRFR	X9DRT-HF+, X9SRD-F, X9DRFR	X9DRT-HF+, X9DRFR	X9DRT-HF+, X9SRD-F X9DRFR	TBD
Compatible Servers	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin	2U Twin+, and FatTwin w/ 4-node only	MicroCloud, 2U Twin2+, 2U Twin+, and FatTwin	TBD

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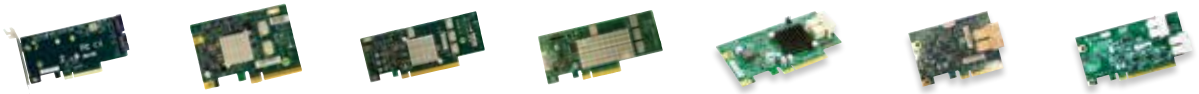
Model	PWS-206B-1R	PWS-1K03B-1R
Total Output Power	200W / 5 minutes	1000W / 2.5 minutes
Input	Work w/ PWS-406P/ 503P/606P/703P-1R	Work w/ PWS-1K28P-SQ/ PWS-920P-SQ/ PWS-741P-1R/PWS-501P-1R
Form Factor	1U	1U
Dimension (LxWxH) cm	22 x 5.45 x 4	36 x 7.6 x 4
Output Type*	Backplanes available	Backplanes available
Redundant	Yes	Yes
I²C Remote Monitoring	FRU/Smart battery I²C	FRU/Smart battery I²C
+5V	-	-
+12V	16.7A	83.3A
+3.3V	-	-
5VSB	2A	4A
-12V	-	-
Efficiency	Online mode power consumption <1W	Online mode power consumption <1W

For detailed information, please contact your Supermicro sales representative; visit: http://www.supermicro.com/BBP

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HBA and SAS RAID Cards

New! NVMe *New! NVMe* *New! NVMe* *New! NVMe* *NVMe* *NVMe* *NVMe*



Model name	AOC-SLG3-2M2	AOC-SLG3-2E4T	AOC-SLG3-4E4T	AOC-SLG3-4E2P	AOC-SLG3-2E4	AOC-SLG3-2E4R	AOC-SLG3-4E4R
Compatible MBs	All*	All*	All*	All*	All	X10DRW-i, X10DRW-iT, X10DRH, X10DRL-CT	X10DSC+, X10SRW-F
Features	x8, dual M.2 SSD expansion card, supports multiple M.2 sizes: 22x110mm 22x80mm 22x60mm	x8, dual OCuLink port, Re-Timer, hot-swap* ** HW restrictions may apply*	x16, quad OCuLink port, Re-Timer, hot-swap* ** HW restrictions may apply*	x8, quad OCuLink port, PLX PCIe Switch, SW hot-swap*	x8, dual port, PLX, hot-swap* (SW) ** Requires backplane w/ U.2 connector*	x8, dual port, re-driver (TI), hot-swap* ** Requires backplane w/ U.2 connector*	x16, quad port, re-driver (TI), hot-swap* ** Requires backplane w/ U.2 connector*

New! SAS3 *New! SAS3* *SAS3* *SAS3* *SAS3* *SAS3* *6Gbps*



Model	AOC-S3216L-L16iT	AOC-S8069L-L16xR	AOC-S3108L-H8iR-16DD	AOC-S3108L-H8iR†	AOC-S3008L-L8e†	AOC-S3008L-L8i†	AOC-S2208L-H8iR †
Type	Stanadrd	Stanard	Low profile PCI-E 3.0 x8	Standard	Standard	Standard	Standard
Controller/IOP	LSISAS 3216	MSCC 8069	LSISAS 3108	LSISAS 3108	LSISAS 3008	LSISAS 3008	LSISAS 2208
SAS Port	16 ports, 12Gbps per port, 16 Internal, Low Profile, 1024 SATA/SAS Drives	16 ports, 12Gbps per port, 16 External, Low Profile, 256 SATA/SAS Drives	8 ports, 12Gbps per port, 8 Internal, Low Profile, 16 SATA/SAS Drives	8 ports, 12Gbps per port, 8 Internal, Low Profile, 240 SATA/SAS Drives	8 ports, 12Gbps per port, 8 Internal, Low Profile, 122 SATA/SAS Drives	8 ports, 12Gbps per port, 8 Internal, Low Profile, 63 SATA/SAS Drives	8 ports, 6Gbps per port, 8 Internal, Low Profile, 240 SATA/SAS Drives,
RAID	IT/HBA	HBA, RAID 0,1,5	RAID 0,1,5,6,10,50,60	RAID 0,1,5,6,10,50,60	IT/HBA Mode	RAID 0,1,10	RAID 0,1,5,6,10,50,60
Onboard Cache			2GB DDR3 on-card cache Optional SuperCap: BTR-TFM8G-LSICVM02. Installation kit PN =MCP-240-00127-0N	2GB DDR3 on-card cache Optional SuperCap: BTR-TFM8G-LSICVM02. Installation kit PN =MCP-240-00127-0N	-	-	1GB DDR3 on-card cache w/ Battery Back-up or SuperCap, Optional Battery Backup Unit: BTR-0022L-LSI00279 / MCP-450-00001-0N / Ambient Temp 45C; SuperCap option: BTR-0024LH-LSI00297. Installation kit PN =MCP-240-00127-0N

6Gbps *6Gbps* *6Gbps* *6Gbps* *6Gbps* *6Gbps* *6Gbps*



Model	AOC-S2308L-L8e †	AOC-S2308L-L8i †	AOC-SAS2LP-H8iR †	AOC-SAS2LP-H8iR-16DD †	AOC-USAS2LP-H8iR*	AOC-USAS2-L8iR	AOC-USAS2-L8i
Type	Standard	Standard	Standard	Standard	UIO	UIO	UIO
Controller/IOP	LSISAS 2308	LSISAS 2308	LSISAS 2108	LSISAS 2108	LSISAS 2108	LSISAS 2008	LSISAS 2008
SAS Port	8 ports, 6Gbps per port, 8 Internal, Low Profile, 122 SATA/SAS Drives	8 ports, 6Gbps per port, 8 Internal, Low Profile, 63 SATA/SAS Drives	8 ports, 6Gbps per port, 8 Internal, Low Profile, 240 SATA/SAS Drives	8 ports, 6Gbps per port 8 Internal, Low Profile 16 SATA/SAS Drives	8 ports, 6Gbps per port 8 Internal, Low Profile	8 ports, 6Gbps per port 8 Internal	8 ports, 6Gbps per port 8 Internal
RAID	IT/HBA Mode	RAID 0,1,10	RAID 0,1,5,6,10,50,60	RAID 0,1,5,6,10,50,60	RAID 0,1,5,6,10,50,60	RAID 0,1,5,10	RAID 0,1,10,1E
Onboard Cache	-	-	512MB DDR2 on-card cache w/ Optional Battery Backup Unit: BTR-0023L-LSI00264	512MB DDR2 on-card cache w/ Optional Battery Backup Unit: BTR-0023L-LSI00264	512 MB DDR2 on-card cache w/ Optional Battery Backup Unit: BTR-0023L-LSI00264	-	-

6Gbps *6Gbps* *6Gbps*



Model	AOC-USAS2-L8E	AOC-SAS2LP-H4iR †	AOC-SAS2LP-MV8	AOC-USAS-L8i**	AOC-USASLP-L8i**	AOC-USAS-L4i**	AOC-USAS-L4iR**	AOC-SASLP-MV8**
Type	UIO	Standard	Standard	UIO	UIO	UIO	UIO	Standard
Controller/IOP	LSISAS 2008	LSISAS 2108	Marvel 9480 based	LSISAS 1068E	LSISAS 1068E	LSISAS 1068E	LSISAS 1068E	Marvell Hercules-2
SAS Port	8 ports, 6Gbps per port 8 Internal	8 ports, 6Gbps per port, 4 Internal. 4 external, Low Profile, 240 SATA/SAS Drives	8 ports, 6Gbps per port 8 Internal, Low Profile	8 ports, 3Gbps per port 8 Internal	8 ports, 3Gbps per port 8 Internal, Low Profile	8 ports, 3Gbps per port 4 Internal, 4 External	8 ports, 3Gbps per port 4 Internal, 4 External	8 ports, 3Gbps per port 8 Internal, Low Profile
RAID	IT mode / HBA	RAID 0,1,5,6,10,50,60	HBA	IT/HBA Mode	IT/HBA Mode	RAID 0,1,10	RAID 0,1,5,10	HBA only
Onboard Cache	-	512MB DDR2 on-card cache w/ battry w/ Optional Battery Backup Unit: BTR-0023L-LSI00264	-	-	-	-	-	-

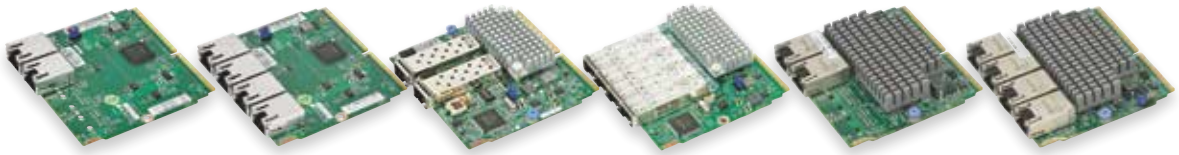
* *Applies to 2U low-profile, 3U and 4U chassis.*
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SIOM Network Adapters

SIOM Networking Adapters

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Model	AOC-MGP-i2	AOC-MGP-i4	AOC-MTGN-i2S	AOC-MTG-i4S	AOC-MTG-i2T	AOC-MTG-i4T
Type	SIOM	SIOM	SIOM	SIOM	SIOM	SIOM
Description	Dual-port GbE	Quad-port GbE	Dual-port 10GbE	Quad-port 10GbE	Dual-port 10GbE	Quad-port 10GbE
Port	2 RJ45 ports	4 RJ45 ports	2 SFP+ ports	4 SFP+ ports	2 RJ45 ports	4 RJ45 ports
Speed	1Gb/port	1Gb/port	10Gb/port	10Gb/port	10Gb/port	10Gb/port
Controller	Intel® i350	Intel® i350	Intel® 82599ES	Intel® XL710	Intel® X550	Intel® X550
Dimension (LxW) (without end brackets)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)
Compatible Motherboards	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot
Compatible Servers	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot

SIOM Networking Adapters

NEW! *NEW!* *NEW!* *NEW!* *NEW!*

Model	AOC-MH25G-b2S2G	AOC-MH25G-m2S2T	AOC-MHIBF-m2Q2G	AOC-MHIBF-m1Q2G	AOC-MHFI-i1C
Type	SIOM	SIOM	SIOM	SIOM	SIOM
Description	Dual-port 25GbE & Dual-port GbE	Dual-port 25GbE & Dual-port 10GbE	Dual-port IB FDR & Dual-port GbE	Single-port IB FDR & Dual-port GbE	Single-port Host Fabric Interface
Port	2 SFP28 & 2 RJ45 ports	2 SFP28 & 2 RJ45 ports	2 QSFP & 2 RJ45 ports	1 QSFP & 2 RJ45 ports	1 QSFP28 port
Speed	25Gb/port 1Gb/port	25Gb/port 10Gb/port	56Gb/port 1Gb/port	56Gb/port 1Gb/port	100Gb/port
Controller	Broadcom® BCM57414 Intel® i350	Mellanox® ConnectX-4 Lx EN Intel® X550	Mellanox® ConnectX-3 Pro Intel® i350	Mellanox® ConnectX-3 Pro Intel® i350	Intel® Omni Path HFI ASIC
Dimension (LxW) (without end brackets)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)	3.622" x 3.428" (9.2 x 8.708cm)
Compatible Motherboards	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot	Supermicro® Motherboards with SIOM slot
Compatible Servers	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot	Supermicro® Servers with SIOM slot

Storage Mezzanine Cards

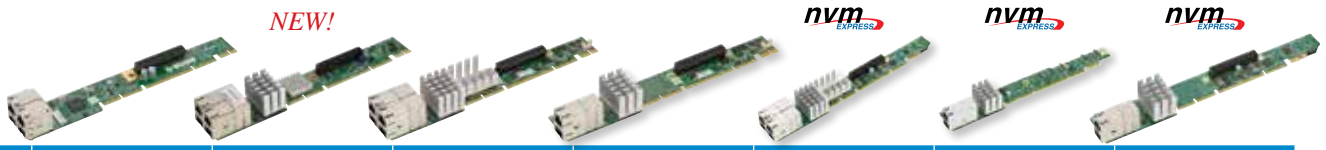
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Model	AOM-S3008M-L8	AOM-S3108M-H8L	AOM-S3108-H8	AOM-B3108-H8	A0M-S3108M-H8	A0M-S3008-L8-SB
Compatible MBs	X10DSC+	x10DSC+	X9DRW-CF31 X9DRW-CTF31 X9DRW-CTF31	B10DRC	X10DRW-i X10DRW-iN X10DRW-iT X10DDW-i X10DDW-iN	X10DRS
Features	8 internal ports,12Gb/s per port,240 SATA/SAS drives, IT mode	8 internal ports,12Gb/s per port,240 SATA/ SAS drives, RAID 0,1,5,10,6,60 2 GB cache with protection BTR-CV3108-U1	8 internal ports,12Gb/s per port,16 SATA/SAS drives, RAID 0,1,5, 10,6,60 2 GB cache with protection BTR-TFM8G-LSICVM02	8 internal ports,12Gb/s per port,8 SATA/SAS drives, RAID 0,1,5, 10,6,60 2 GB onboard cache with protection BTR-TFM8G-LSICVM02	8 internal ports,12Gb/s per port,16 SATA/ SAS drives, RAID 0,1,5,10,6,60 2 GB onboard cache with protection BTR-TFM8G-LSICVM02	8 internal ports,12Gb/s per port,112 SATA/SAS drives, IR mode, RAID 0,1,1e,10

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Ultra Networking Riser Cards



Model	AOC-UR-i4G	AOC-UR-i4XTF	AOC-UR-i4XT	AOC-UR-i2XT	AOC-URN2-i4XT	AOC-URN6-i2XT	AOC-URN2-i2XT
Form Factor	1U Ultra Riser	1U Ultra Riser	1U Ultra Riser	1U Ultra Riser	1U Ultra Riser	1U Ultra Riser	1U Ultra Riser
Conroller Type	GbE	10GBase-T	10GBase-T	10GBase-T	10GBase-T	10GBase-T	10GBase-T
Chipset	Intel® i350	Intel® XL710	Intel® X540	Intel® X540	Intel® X540	Intel® X540	Intel® X540
Port #	4	4	4	2	4	2	2
Connector	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45
PCI-E Slot	1x PCI-E 3.0 x8 (internal)	1x PCI-E 3.0 x8 (internal)	1x PCI-E 3.0 x8 (internal)	1x PCI-E 3.0 x8 (internal)	1x PCI-E 3.0 x8 (internal)	N/A	1x PCI-E 3.0 x8 (internal)
NVMe Ports	0	0	0	0	2	6	2
Compatible Mother-boards	X10DRU-i+, X10DRU-X	X10DRU-i+	X10DRU-i+, X10DRU-X	X10DRU-i+, X10DRU-X	X10DRU-i+, X10DRU-X	X10DRU-i+	X10DRU-i+, X10DRU-X
Compatible Systems	SYS-1028U-TR4+, SYS-6018U-TR4+, SYS-1028UX-CR-LL1, SYS-1028UX-CR-LL2	TBD	SYS-1028U-TR4T+, SYS-6018U-TR4T+	SYS-1028U-TRT+, SYS-6018U-TRT+	SYS-1028U-TNR4T+	SYS-1028U-TN10RT+	SYS-1028U-TNRT+



Model	AOC-URN2-i2XS	AOC-URN2-i4GXS	AOC-2UR66-i4XTF	AOC-2UR68-i4G	AOC-2UR6-i4XT	AOC-2UR66-i4G
Form Factor	1U Ultra Riser	1U Ultra Riser	2U Ultra Riser	2U Ultra Riser	2U Ultra Riser	2U Ultra Riser
Conroller Type	10G SFP+	GbE & 10G SFP+	10GBase-T	GbE	10GBase-T	GbE
Chipset	Intel® 82599ES	Intel® i350 & Intel® X710	Intel® XL710	Intel® i350	Intel® X540	Intel® i350
Port #	2	2+2	4	4	4	4
Connector	SFP+	RJ45 & SFP+	RJ45	RJ45	RJ45	RJ45
PCI-E Slot	1x PCI-E 3.0 x8 (internal)	1x PCI-E 3.0 x8 (internal)	2x PCI-E 3.0 x16	1x PCI-E 3.0 x8 (internal) 1x PCI-E 3.0 x8 (in x16) 1x PCI-E 3.0 x16	1x PCI-E 3.0 x8 (internal) 1x PCI-E 3.0 x16	2x PCI-E 3.0 x16
NVMe Ports	2	2	0	0	0	0
Compatible Mother-boards	X10DRU-i+ X10DRU-X	X10DRU-i+	X10DRU-i+	X10DRU-i+ X10DRU-X	X10DRU-i+ X10DRU-X	X10DRU-i+ X10DRU-X
Compatible Systems	SYS-6018U-TRTP+ SYS-1028U-TNRTP+	SYS-1028U-E1CRTP+	TBD	SYS-2028U-TR4+ SYS-6028U-TR4+ SYS-6028UX-TR4	SYS-2028U-TR4T+ SYS-6028U-TR4T+	SYS-2048U-RTR4



Model	AOC-2UR68-i2XT	AOC-2URN4-i4XT	AOC-2UR8N4-i2XT	AOC-2UR68-i2XS	AOC-2UR6N4-i4XT	AOC-2UR68-b2TS	AOC-2UR68-m2TS
Form Factor	2U Ultra Riser	2U Ultra Riser	2U Ultra Riser	2U Ultra Riser	2U Ultra Riser	2U Ultra Riser	2U Ultra Riser
Conroller Type	10GBase-T	10GBase-T	10GBase-T	10G SFP+	10GBase-T	25GbE	25GbE
Chipset	Intel® X540	Intel® X540	Intel® X540	Intel® 82599ES	Intel® X550	Broadcom® BCM57414	Mellanox® ConnectX-4 Lx EN
Port #	2	4	2	2	4	2	2
Connector	RJ45	RJ45	RJ45	SFP+	RJ45	SFP28	SFP28
PCI-E Slot	1x PCI-E 3.0 x8 (internal) 1x PCI-E 3.0 x8 (in x16) 1x PCI-E 3.0 x16	1x PCI-E 3.0 x8 (internal)	1x PCI-E 3.0 x8 (internal) 1x PCI-E 3.0 x8 (in x16)	1x PCI-E 3.0 x8 (internal) 1x PCI-E 3.0 x8 (in x16) 1x PCI-E 3.0 x16	1x PCI-E 3.0 x16	1x PCI-E 3.0 x8 (internal) 1x PCI-E 3.0 x8 (in x16) 1x PCI-E 3.0 x16	1x PCI-E 3.0 x8 (internal) 1x PCI-E 3.0 x8 (in x16) 1x PCI-E 3.0 x16
NVMe Ports	0	4	4	0	4	0	0
Compatible Mother-boards	X10DRU-i+ X10DRU-X	X10DRU-i+ X10DRU-X	X10DRU-i+ X10DRU-X	X10DRU-i+ X10DRU-X	X10DRU-i+	X10DRU-i+	X10DRU-i+
Compatible Systems	SYS-2028U-TRT+ SYS-6028U-TRT+	SYS-2028U-TNR4T+ SYS-6028U-TNR4T+ SYS-2028U-E1CNR4T+ SYS-6028U-E1CNR4T+	SYS-2028U-TNRT+ SYS-6028U-TNRT+ SYS-2028U-E1CNRT+ SYS-6028U-E1CNRT+	SYS-2028U-TRTP+ SYS-6028U-TRTP+	SYS-2028U-T24RT+	TBD	TBD

† *Available as integrated solutions with Supermicro servers.*

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