



COMPONENT COMPATIBILITY REPORT

Promentum™ Product Families: ATCA-4500

The items listed below have been tested for general compatibility with the Promentum ATCA-4500 Single Board Computer. Components other than those listed below maybe compatible with this SBC. If an issue arises with an alternative component, it is advisable to try one of the listed components below to see if the problem is eliminated. While the components listed have been through various levels of integration the inclusion of any component below should not be construed as an endorsement of that product, nor does it necessarily imply that the product will meet all environmental criteria for a given application.

Component Level Compatibility

Memory

Memory	Manufacturer	Manufacturer Part Number	RadiSys Product Code	Description
4GB DDR3 VLP DIMM	Micron	MT36JDZS51272PZ-1G4F1	A4500-MEM-32GB	Memory Kit that includes 8x4GB VLP DIMM
4GB DDR3 VLP DIMM	Samsung	M392B5170EM1-CH901	A4500-MEM-32GB	Memory Kit that includes 8x4GB VLP DIMM
2GB DDR3 VLP DIMM	Micron	MT18JDF25672PZ-1G4F1	A4500-MEM-12GB	Memory Kit that includes 6x2GB VLP DIMM
2GB DDR3 VLP DIMM	Samsung	M392B5670EH1-CH901	A4500-MEM-12GB	Memory Kit that includes 6x2GB VLP DIMM

eUSB

eUSB Type	Manufacturer	Manufacturer Part Number	RadiSys Product Code	Description
8GB eUSB Bottom	Smart Modular	CUG40044	NA	Bottom eUSB
8GB eUSB Top	Smart Modular	CUG40045	NA	Top eUSB
8GB eUSB Bottom	Unigen	UGB90QSR8000G1-BOT	NA	Bottom eUSB
8GB eUSB Top	Unigen	UGB90QSR8000G1-TOP	NA	Top eUSB
16GB eUSB Bottom	Smart Modular	CUG40049	NA	Bottom eUSB
16GB eUSB Top	Smart Modular	CUG40050	NA	Top eUSB
16GB eUSB Bottom	Unigen	USB90QSR16H0G1-BOT	NA	Bottom eUSB
16GB eUSB Top	Unigen	USB90QSR16H0G1-TOP	NA	Top eUSB



Hard Drives (RTM)

Hard Drive	Manufacturer	Manufacturer Part Number	RadiSys Product Code	Description
73GB SAS	Fujitsu	MBB2073RC	NA	NA
147GB SAS	Fujitsu	MBB2146RC*	A4400-HDD-SAS	HDD Kit for RTM
80GB SATA	Seagate	ST98813AS	NA	
100GB SATA	Seagate	ST910021AS	NA	
160GB SATA	Fujitsu	MHZ2160BK	NA	

SFP (RTM)

Transceiver Type	Manufacturer	Manufacturer Part Number	RadiSys Product Code	Description
1GbE SX Optical	Finisar	FTLF8519P2BNL	NA	850nm optical SFP
1GbE SX Optical	Avago	AFBR-57M5APZ	NA	1310nm optical SFP
1GbE LX Optical	Finisar	FTLF1319P1BTL	NA	850nm optical SFP
1GbE LX Optical	Avago	AFCT-57M5ATPZ	NA	1310nm optical SFP

Compatible SFP/XFP Filler Plugs (RTM)

Transceiver Type	Manufacturer	Manufacturer Part Number	RadiSys Product Code	Description
SFP Filler Plug	Molex	74720-0510	NA	NA

AMC

AMC Type	Manufacturer	Manufacturer Part Number	RadiSys Product Code	Description
4Gbps FC AMC	SanBlaze	AMC55	NA	NA
Storage AMC	RadiSys	NA	AMC-3201	SATA Storage AMC
Storage AMC	RadiSys	NA	AMC-3202	SAS Storage AMC
Storage AMC	RadiSys	NA	AMC-3203	SSD Storage AMC
T1/E1/J1	Interphase	Interphase iSPAN 3639	NA	Multiprotocol T1/E1/J1 Communications Controller
Quad STM-1/OC3	Interphase	Interphase iSPAN 3850	AMC-7201	Quad Unchannelized STM-1/OC-3

3rd Party Storage Blades

Blade	Manufacturer	Manufacturer Part Number	RadiSys Product Code	Description
iSCSI Storage	Astute	Caspian R1100	A3100X	10G iSCSI Storage blade