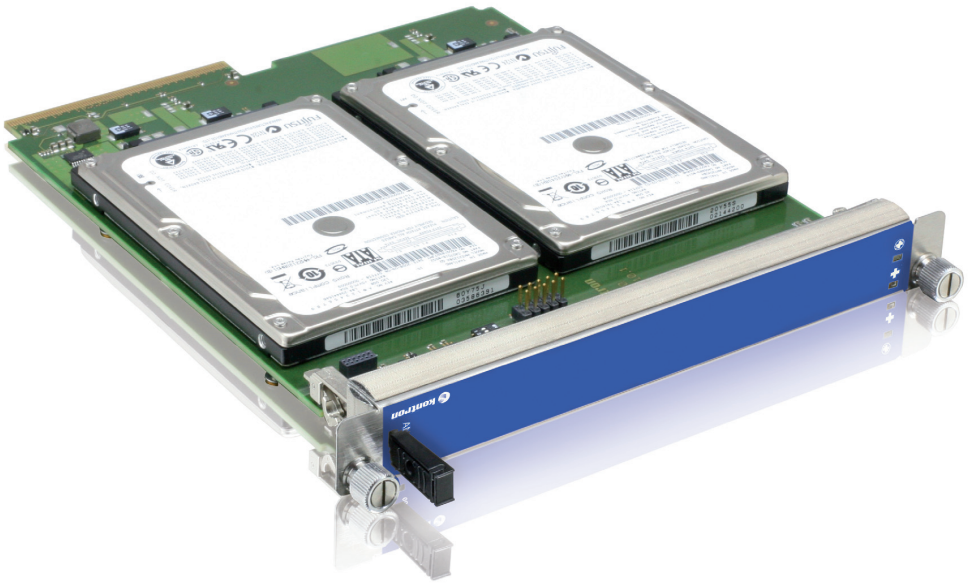
kontron

» AM5500 «

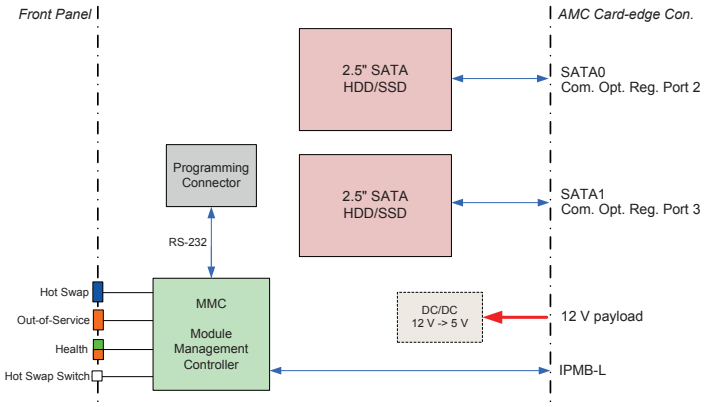


Double Width AMC Dual SATA Carrier for demanding storage requirements

» Cost optimized design
» Carrier for 2.5" SATA HDD/SSD devices
» Robustness according MicroTCA.1

AM5500 Dual SATA Carrier

The AM5500 is a double-width AMC module offering a dual SATA carrier functionality for 2.5" HDD or SSD devices. For higher shock and vibration resistance the AM5500 is equipped with the module-to-subrack retaining screws defined in the MicroTCA.1 specification to fix the module to the chassis.



Technical Information

Carrier Function	2x 22 pin SATA connectors for 2.5" HDD/SDD storage devices
MMC	The MMC carries out IPMI commands such as monitoring onboard temperature conditions, board voltages and the power supply status, and managing hot swap operations.
System Interconnect	
SATA	AMC port 2 and 3 according AMC.3 specification
I2C	1x IPMB-L
Front Interfaces	3 AMC management LEDs (Hot Swap, Out-of-Service, Health)
Compliancy	
MicroTCA	based on PICMG MicroTCA.0 R1.0, PICMG MicroTCA.1 R1.0
AdvancedMC	PICMG AMC.0, PICMG AMC.3
CE	EN55022, EN55024, EN61000-6-2/-6-3, EN300386, EN60950-1
WEEE	Directive 2002/96/EC
RoHS	Directive 2002/95/E
Environmental	
Temperature Range	Operational: -5 °C to +55 °C, Storage: -40 °C to +70 °C
Humidity	93% RH at 40°C, non-condensing
Shock & Vibration (operating)	tdb, depends on selected HDD or SSD device
Miscellaneous	
Dimensions	Double, Mid-Size AMC module 180.6 mm x 148.5 mm x 18.96 mm
Power Supply	12 V Payload Power, 3.3 V Management Power
Power Consumption	Management power: typ 0.3 W, Payload power: typ 0.5 W without HDD/SSD
Board Weight	140 g without HDD/SSD
MTBF	tbd

Ordering Information

Article	Description
AM5500MR-2XSATA-CARRIER	AMC, double width, mid size, dual SATA carrier, front panel with screws (w/o HDD/SSD)
Accessories	Order 2.5" HDDs or SSDs separately

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Datasheet – AM5500 #01282015WMH
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