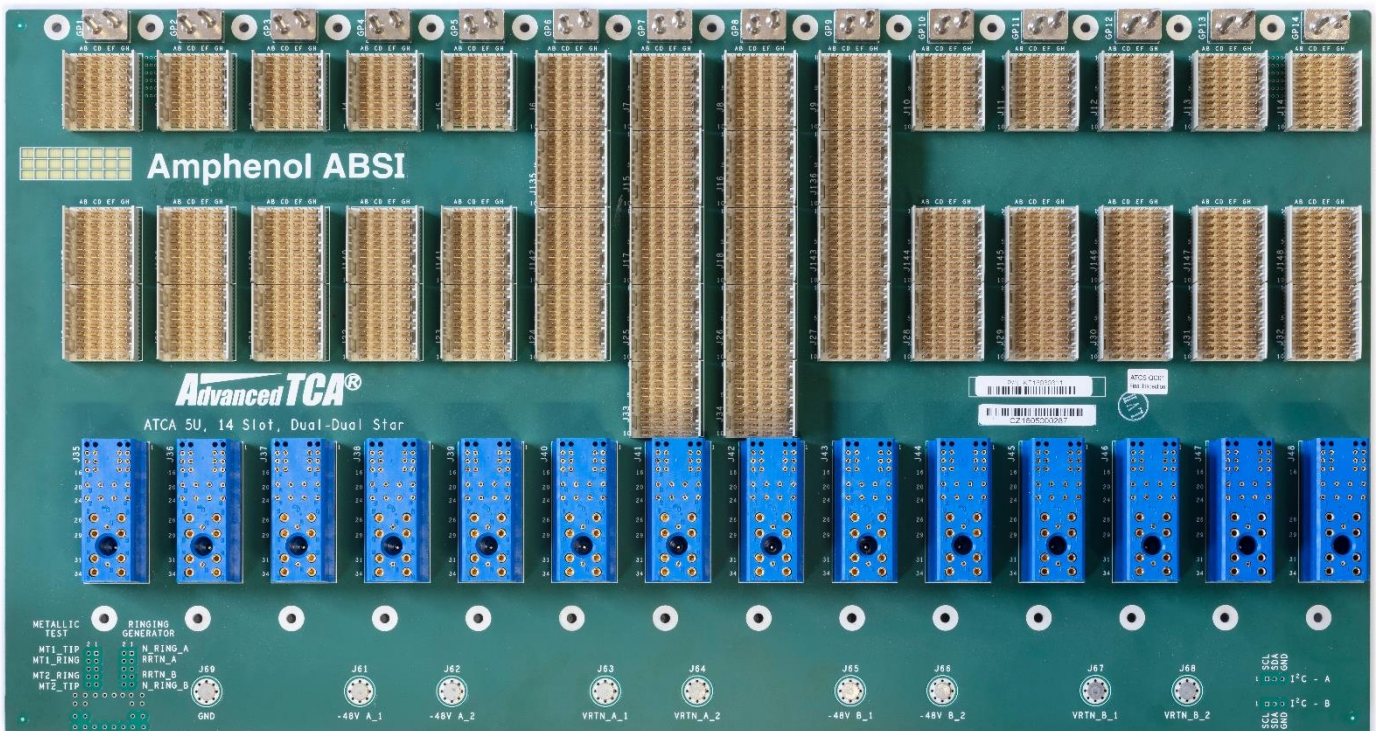


Amphenol Backplane Assembly & System Integration

Amphenol-BSI have been designing, assembling and testing backplanes for more than 30 years. Our experience of backplane design, manufacturing, development and electrical test technologies allows us to deliver the highest performance backplane at a product cost you can bring to the market. As part of the Amphenol Corporation, we continue to invest in our technologies to ensure we remain positioned as the most extensively tooled Backplane Supplier in the industry.



General Information

- ATCA Specification PICMG 3.0 R3.0
- ATCA Specification PICMG 3.1 R3.0
- 4x ATCA switch slots
- 10x ATCA node slots
- 1.2" slot pitch
- Optional RTM assembly
- Optimised for high-speed signal performance
- Scalable for cost and performance
- Dimension: 445.82mm x 237.46mm x 5.63mm
- Edge plating to minimise EMI emissions
- Zone 1 power connectors
- Zone 2 signal connectors

10Gbps

40Gbps

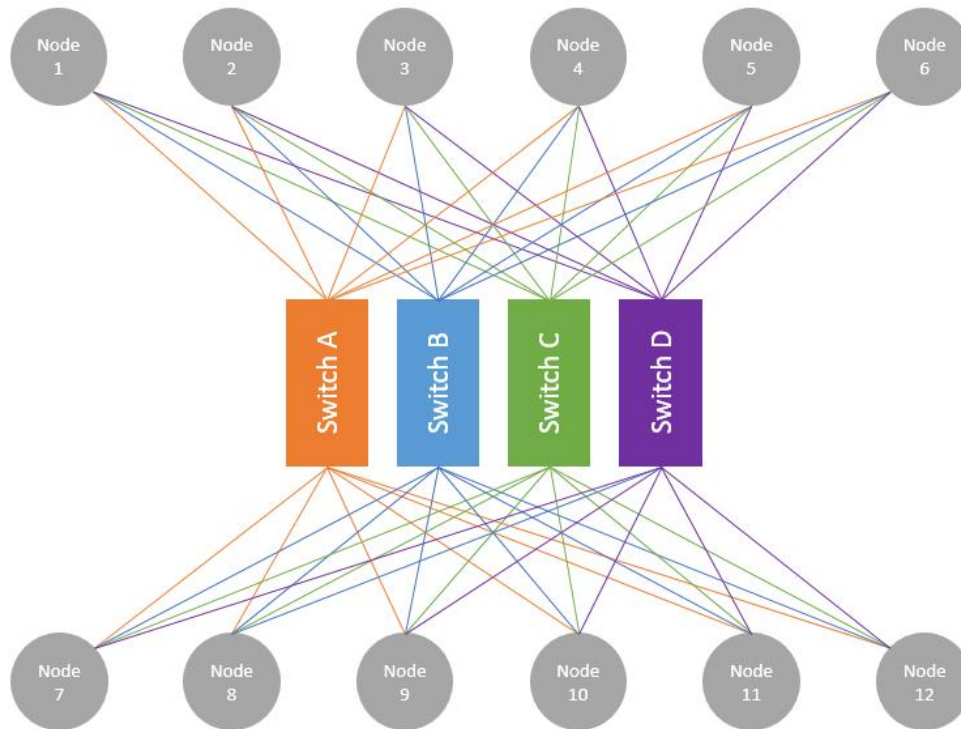
100Gbps

Amphenol-BSI 5U 14-slot dual-dual star ATCA Backplane

Amphenol-BSI's range of PICMG compliant backplanes includes AdvancedTCA. Our 5U, 14-slot dual-dual star ATCA backplane is one of the varieties of ABSI's ATCA backplane products. Industry leading Backplane Design and Signal Integrity offer optimized ATCA backplane solutions for data rates of 10G, 40G and 100G.



Backplane Topology



Ordering Information

Backplane Profile	Mechanical		Channel Data Rate (Gb/s)		
	Name	Pitch	RTM	Single lane	# Channels
KC10030001	1.2"	no	2.5	4	10
KC10030002	1.2"	yes	2.5	4	10
KC10030003	1.2"	no	10	4	25
KC10030004	1.2"	yes	10	4	25
KC10030005	1.2"	no	25	4	100
KC10030006	1.2"	yes	25	4	100

Fully Customised Solutions Available

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