

High Speed Backplane Connectors & Cables

The most comprehensive backplane connector and cable portfolio in the industry.



- Supports up to 224G & PCIe Gen7
- Designed for all high-speed applications
- The latest technology
- Market leading density
- Superior SI/ME performance
- Global manufacturing capabilities and capacity
 - Dongguan, China
 - Changzhou, China
 - Haiyan, China
 - Penang, Malaysia
 - Bac Giang, Vietnam (Under construction)
- Vertically Integrated Supply Chain
 - Full Automation
 - Plating
 - Molding
 - Stamping
 - Bulk Wire

Paladin® HD

The Paladin® HD interconnect system provides world class bandwidth through industry leading density at 224Gb/s performance, supporting up to 144 differential pairs orthogonally within 1U spacing.



ExaMAX®

The ExaMAX backplane connector system supports data rates from 25G to >112G and PCIe Gen4 to >PCIe Gen7 with a backwards mate compatible upgrade path. Allows flexibility for designers on product cost and performance.



Xcede® HD

Provides a robust solution for tighter card pitches and chassis designs where space requirements and density are critical. Xcede HD achieves the highest performance in an HM compatible form factor.



AirMAX®

A hard-metric backplane connector supporting multiple serial architectures. AirMAX guide and power modules are compatible with ExaMAX series. AirMAX components are standard in OCP designs.



HD Express

IN DEVELOPMENT. Our 85 ohm, PCIe and density optimized backplane connector series. Part of the widest product breath of PCIe backplane connectors in the industry, with a roadmap to PCIe Gen6/7.



Amphenol

COMMUNICATIONS SOLUTIONS

Over
2,000
Engineers

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