

# Backplane Connector System

**Impact**

- 25Gbps backplane solution.
- Plug compatible within Impact product family. (mates to standard Impact BP headers)

**Impact zX2**

- Optimized margin for 28Gbps data-rates.
- Plug compatible within Impact product family. (mates to standard Impact BP headers)

**Impel**

- 40Gbps backplane solution.
- Plug compatible within Impel product family. (mates to standard Impel BP headers)

**Impel Plus**

- Optimized margin for up to 60Gbps data-rates.
- Shielded technology providing industry leading x-talk performance.
- Plug compatible within Impel product family. (mates to standard Impel BP headers)

**Impulse**

- Optimized margin for the 112G PAM4 data-rates.
- Up to 96DP/inch - linear density.
- Daughtercard will remain plug compatible with Impulse BP headers.

**Impact**  
25 Gbps

**Impact zX2**  
28 Gbps

**Impel**  
40 Gbps

**Impel Plus**  
56G PAM4

**Impulse**  
56G NRZ | 112G PAM4