



New Form-Factor Board for Low Profile Enclosures

This state-of-the-art Camera Link board is designed to fit in small embedded PC enclosures and rackmount cases.

FireBird Camera Link Deca Low Profile



- **Base, Dual-Base, Medium, Full and Deca.**
- **Low profile / half-height card.**
- **CL mini connectors (HDR/SDR).**
- **Power over Camera Link (PoCL).**
- **Comprehensive I/Os.**
- **GenICam compliant.**
- **Windows, Linux, QNX, Mac OS X.**

Sleek and slender, this [low profile / half-height version](#) of our **FireBird Camera Link Deca** board is optimized for use in small embedded PC enclosures and 2U rackmount chassis where full height PC cards are not suitable. A full height bracket option is available for use in standard PC form-factor enclosures.

This card conforms to the latest version 2.0 Camera Link specification, including both 80 bit modes: 8 bit 10-tap and 10 bit 8-tap modes (Deca), at clock rates up to 85 MHz. The Gen2 x4 PCIe bus can sustain a continuous 1.7Gbytes/s throughput and is fast enough to cope with the full data rate the Camera Link Deca interface can support. The board supports simultaneous capture from two Base Camera Link cameras, as well as single Base, Medium and Full configurations. Power over Camera Link (PoCL) is also provided.

Designed for ultimate performance [FireBird](#) uses Active Silicon's proprietary DMA Engine technology, "ActiveDMA". This technical innovation applies RISC based processor techniques and guarantees zero CPU intervention, high speed and very low latency image data transfers.

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