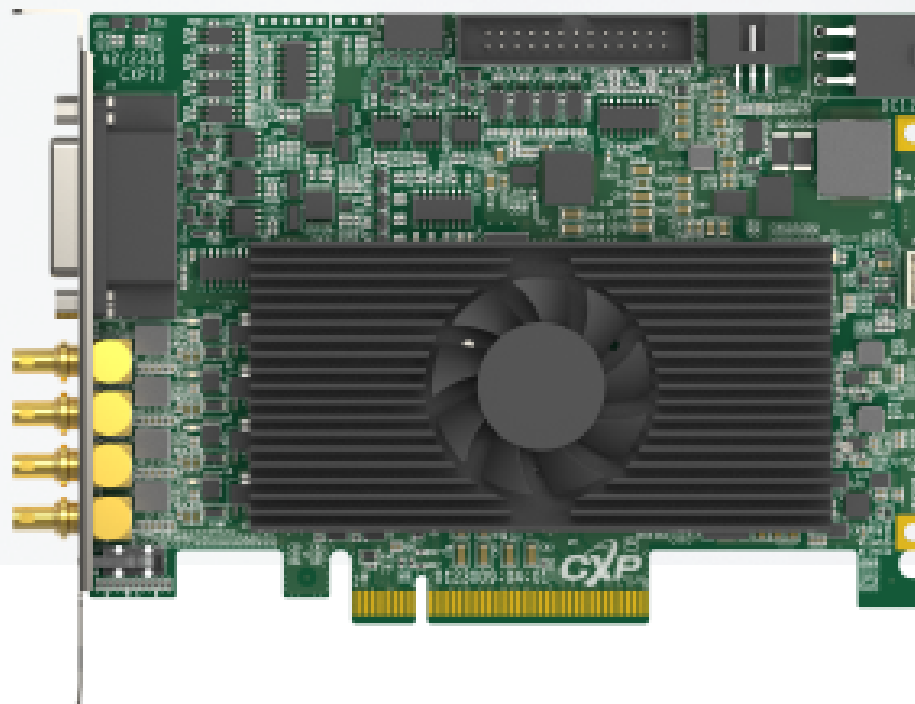


CXP Card

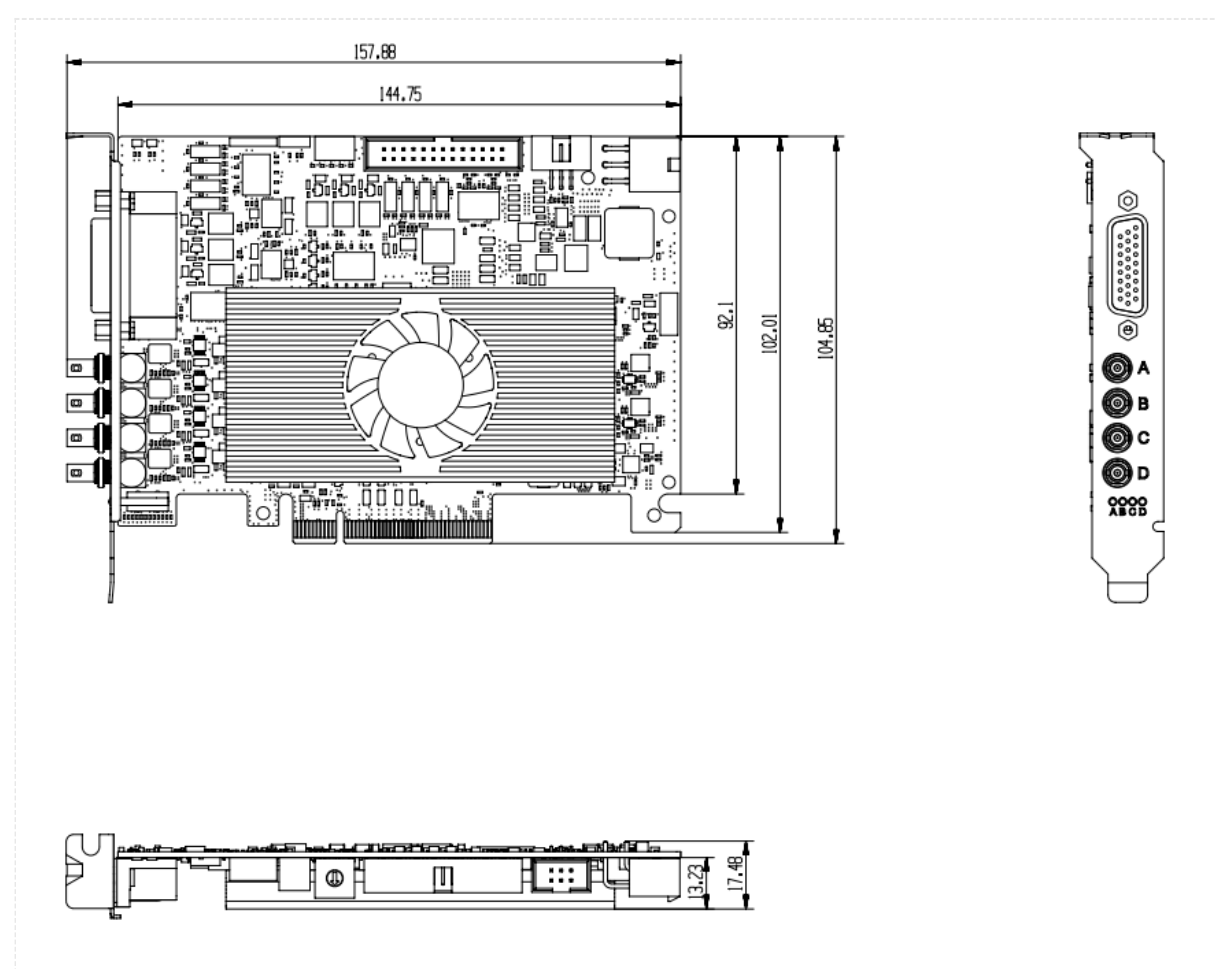
GX3-12HD41E



Features

- Supports a maximum connection of 4 cameras to a single card
- Supports the CoaXPress 1.1/2.0 protocol standard
- Supports up to 6700MB/s bus bandwidth with the full-height PCIe card and PCIe Gen 3 x8 interface

Dimensions (mm)



Specification

| | | |
|----------------|-----------------------|---|
| Model | | GX3-12HD41E |
| Basic | Type | CXP-12 |
| | Model | GX3-12D41E |
| | Number of Channels | 4 Channels |
| | Protocol | CoaXPress 1.1/2.0 |
| | Pixel Format | Mono8/10/12 BayerGR8/10/12 BayerRG8/10/12 BayerGB8/10/12 BayerBG8/10/12 RGB8 |
| | On-board Memory | 4 × 4Gb DDR4–2400 frame buffers (2 GB) |
| | Camera Compatibility | Supports Aera-scan cameras and Line-scan cameras Supports Grayscale cameras and color cameras (YCbCr, YUV, RGB and Bayer CFA) Tap supports 1X–1Y, 1X–1Y2, 1X–2YE |
| | Number of Cameras | Max 4 cameras |
| Software | Software | Mv Viewer |
| | Operating System | Windows 10/11 |
| Power | Power Supply | PCIE power supply: The frame grabber is powered by PCIE; External power supply: The on-board 6 Pin PEG connector must be connected when powering the camera with the POCXP, provide a total power of up to 64W. |
| | Power Consumption | 20W |
| Structure | Product Dimensions | 144.8mm × 104.9mm |
| | Net Weight | 212.6g |
| Host interface | Host Bus Standard | PCIe Gen 3 x8 interface, compatible with PCIe Gen 2/1 and x4, x2, x1 |
| | Delivery bandwidth | 6700MB/s |
| Port | Interface | 4× 75Ω Micro-BNC connectors |
| | I/O Lines | 1* DB26 Female Connector (26-pin 3-row high-density female sub-D connector) : 4 differential opto-isolated inputs (IIN), with the max. frequency of 50kHz 4 differential high-speed inputs (DIN), with the max. frequency of 5MHz 3 differential opto-isolated outputs (IOUT), with the max. frequency of 100kHz 2 single-ended TTL/LVTTL inputs/outputs, with the max. frequency of 5MHz 12V and GND |
| | Indicator Light | 4 full-color LED indicators, indicating the status of the corresponding Micro-BNC connectors according to CXP specifications |
| | Transfer Rate | 1.25/2.5/3.125/5/6.25/10/12.5Gbps (CXP-1/2/3/5/6/10/12) |
| Environment | Operating Temperature | 0~60℃ |
| | Storage Temperature | -15~85℃ |
| | Operating Humidity | 10% ~ 90%RH ,non-condensing |
| | Storage Humidity | 10% ~ 90%RH ,non-condensing |