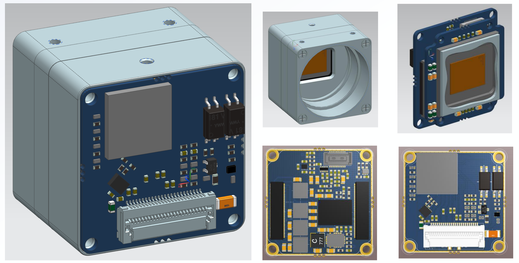
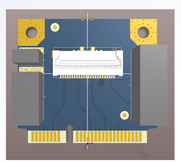
MX-X2G2-FL, PCIe x2 Gen2 Flex Line Assembly

- Interface: PCIe x2 Gen2
- Throughput: 800MB/s
- Size : 25.4 x 25.4 mm
- Supported Sensor Boards:
  - IMX174 (2.3MPix, 1920x1200)
  - IMX250 (3.1MPix, 2048x1536)
  - IMX252 (5.0MPix, 2448x2048)



PCIe x2 Gen2

Half-Mini PCIe Insert Card

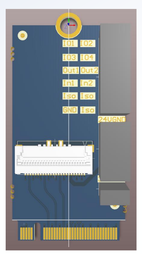


PCIe x1 Gen2

Mini PCIe Slot

- e.g. Gigabyte Brix PC Box

M.2 Insert Card (42mm)

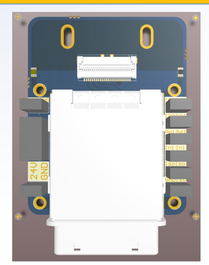


PCIe x4 Gen3

M.2 PCIe Slot

- e.g. Intel NUC PC Box

iPass BreakOut Box



PCIe x4 Gen3

PCIe x4 Adapter Card

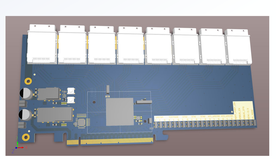
- Simple IOI re-driver based PCIe x4 Gen3 Host Adapter Card

Dual PCIe x4 Adapter Card

- IOI PCIe Switch based Dual x4 Host Adapter Card

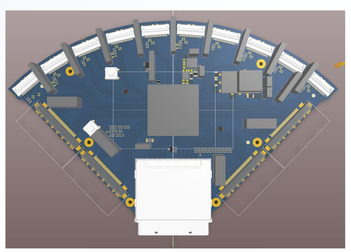
Custom Adapter Card

- Custom PCIe Switch based Octal x4 Host Adapter Card



Custom PCIe Switch Based Expansion Backplane

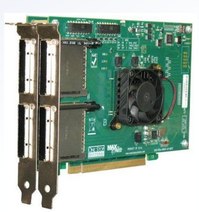
- Custom PCIe Switch based Expansion Backplane
- 10 x MT PCIe x2 Gen2 FlexLine Downstream Ports
- 4 x CB PCIe x4 Gen FlexLine Downstream Ports
- iPass PCIe x8 Gen3 Upstream Connector



PCIe x8 Gen3

PCIe x8 Adapter Card

- Simple OSS re-driver based PCIe x8 Gen3 Host Adapter Card

Quad PCIe x8 Adapter Card

- OSS PCIe Switch based Quad x8 Host Adapter Card