Technical details

- NVIDIA® Jetson Xavier NX™ SOM included
- 6 MIPI CSI-2 camera interfaces (4 x 2-lane and 2 x 4-lane)
- 6 FAW-1233-03 cable
- 1 Power interface (DC 12V)
- 1 HDMI interface
- 1 USB3.0 interface
- 1 RJ45 Ethernet interface
- 1 USB 2.0 micro B interface
- 1 UART interface
- No POE supported
- Weight: 280g +/- 10g
- Size: 107mm x 85mm x 27mm
- Part#: LI-XNX-BOX-MIPI

BOM

<table>
<thead>
<tr>
<th>#</th>
<th>Items</th>
<th>QTY</th>
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<tbody>
<tr>
<td>1</td>
<td>LI-XNX-BOX-MIPI</td>
<td>1</td>
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<tr>
<td>2</td>
<td>DC 12V power supply</td>
<td>1</td>
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<tr>
<td>3</td>
<td>USB 2.0 Type A - Micro B cable</td>
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</table>

FAW-1233-03 I-PEX cable

- Mating Connector: 20525-030E-02C
- Cable length: 300mm
Dimensions

[Diagram showing dimensions of a device]
Interfaces

Interface J13 (CAM1)

- Part#: 20525-030E-02C
- Number of Positions: 30
- Pitch: 0.4mm
- Mating I-PEX cable: FAW-1233-xx

Interface J29 (CAM2)

- Part#: 20525-030E-02C
- Number of Positions: 30
- Pitch: 0.4mm
- Mating I-PEX cable: FAW-1233-xx
### Interface J25 (CAM3)
- **Part#:** 20525-030E-02C
- **Number of Positions:** 30
- **Pitch:** 0.4mm
- **Mating I-PEX cable:** FAW-1233-xx

### Interface J26 (CAM4)
- **Part#:** 20525-030E-02C
- **Number of Positions:** 30
- **Pitch:** 0.4mm
- **Mating I-PEX cable:** FAW-1233-xx
Interface J3 (CAM5)

- Part#: 20525-030E-02C
- Number of Positions: 30
- Pitch: 0.4mm
- Mating I-PEX cable: FAW-1233-xx

Interface J30 (CAM6)

- Part#: 20525-030E-02C
- Number of Positions: 30
- Pitch: 0.4mm
- Mating I-PEX cable: FAW-1233-xx
Buttons (Power, Force_Recovery, Reset)

- Part#: TS45HE

Auto Boot

<table>
<thead>
<tr>
<th>SW4</th>
<th>Boot mode</th>
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<tbody>
<tr>
<td>ON</td>
<td>Manual boot</td>
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<tr>
<td>OFF</td>
<td>Auto boot</td>
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## Revision History

<table>
<thead>
<tr>
<th>Revision</th>
<th>Description</th>
<th>Release Date</th>
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<tr>
<td>1.0</td>
<td>First Release</td>
<td>21. Apr. 2020</td>
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