The PicoZed™ Embedded Vision Development Kit builds on the PicoZed SOM by adding video specific interfaces. The kit includes hardware, software and IP components necessary for the development of custom video applications.

The development kit includes the PicoZed 7030 SOM, the PicoZed FMC Carrier V2, in addition to the HDMI input/output FMC module with camera connector, as well as the PYTHON-1300 camera module. The kit also includes a voucher for an SDSoC™ development environment from Xilinx, which provides a C/C++ ASSP-like programming experience to improve productivity for system architecture definition and application development.

**FEATURES**
- PicoZed 7030 SOM
- PicoZed FMC Carrier V2
- FMC-HDMI-CAM FMC module, including:
  - HDMI Input (based on ADI ADV7611)
  - HDMI output (based on ADI ADV7511)
  - Camera connector (for optional camera modules)
- PYTHON-1300-C camera module, including:
  - PYTHON-1300 Color Image Sensor
  - Lens holder
  - Lens (C-mount, 2/3” optical size, 8 mm)
  - IR cut filter

**TARGET APPLICATIONS**
- Video Analytics
- Machine Vision
- Medical Imaging
- Video Surveillance
- Advanced Driver Assistance Systems

To purchase this kit, visit www.picozed.org/pz-embvkit
FEATURED MANUFACTURERS

PARTS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Resale</th>
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<tr>
<td>AES-PZ-EMBV-KIT-G</td>
<td>Zynq PicoZed Embedded Vision Development Kit</td>
<td>$1,500 USD</td>
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</tbody>
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Countries Available for Purchase: Americas, EMEA, Asia, Japan

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