The 7-inch Zed Touch Display Kit provides engineers with everything needed to develop products with interactive GUIs and touchscreen capabilities. The kit combines an 800 x 480 WVGA TFT-LCD display with an industrial projective capacitive touch sensor, I2C-based touch controller, LED backlight supply and all the necessary cables. The touch display connects to the ZedBoard, MicroZed, or Zynq Mini-ITX through a standard DisplayPort cable and adapter cards. The projected capacitive touch overlay provides enhanced touch ruggedness which is suitable for outdoor or industrial environments.

**KIT INCLUDES**
- 7-inch LCD display assembly
  - Sharp LQ070Y3LG4A LVDS 7-inch WVGA TFT-LCD with LED backlight
  - Avnet 7” Projected Capacitive (PCAP) Touch Overlay
  - PCAP Controller Board
  - ALI3 Sharp7 Adapter
- Zed LCD Interface
- Standard DisplayPort to Mini DisplayPort Cable
- 12V Power Supply
- Mechanical Mounting Enclosure and Stands
- Getting Started Instructions

**TARGET APPLICATIONS**
- Embedded Human–Machine Interfaces

**FEATURES**
- Demonstrates a complete embedded display system
- Output to integrated 7” WVGA display
- Provides benefits of Avnet PCAP touch solution
- Touch overlay capabilities
  - Single finger touch
  - Up to 6 mm glass panel thickness
  - Suitable for high humidity environment
  - Supports industrial requirements
  - Water rejection and immunity

**FEATURED MANUFACTURERS**

To purchase this kit, visit [http://microzed.org](http://microzed.org)
**PARTS**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Resale</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES-ALI3-ZED-G</td>
<td>7-inch Zed Touch Display Kit</td>
<td>$499 USD</td>
</tr>
</tbody>
</table>

**RELATED PARTS**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Resale</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES-Z7EV-7Z020-G</td>
<td>ZedBoard</td>
<td>$395 USD</td>
</tr>
<tr>
<td>AES-7ZMB-7Z010-G</td>
<td>MicroZed</td>
<td>$199 USD</td>
</tr>
<tr>
<td>AES-MBCC-I/O-G</td>
<td>MicroZed I/O Carrier Card</td>
<td>$149 USD</td>
</tr>
<tr>
<td>AES-MBCC-FMC-G</td>
<td>MicroZed FMC Carrier Card</td>
<td>$149 USD</td>
</tr>
<tr>
<td>AES-Mini-ITX-7Z045-G</td>
<td>Xilinx Zynq-7000 AP SoC XC7Z045 Mini-ITX</td>
<td>$1,950 USD</td>
</tr>
</tbody>
</table>

*Countries Available for Purchase: Americas, EMEA, Asia, Japan*