

Dear Avnet Customer,

Thank you for selecting the Avnet 10-inch Touch Display Kit. Designed by Avnet, this new development kit provides engineers in markets including portable instrumentation, consumer kiosks, embedded systems and industrial automation, with all the elements needed to develop rich and interactive GUI applications with touchscreen capability using the Xilinx Zynq®-7000 All Programmable SoC. The kit combines a 1280 x 800 WXGA TFT-LCD display with an integrated projective capacitive touch sensor, I2C touch controller, LED backlight supply, haptic feedback driver, 3-axis accelerometer, and all the necessary cables for connecting to a development board. The touch display easily connects to the ZedBoard™, MicroZed™, PicoZed™, or Zynq® Mini-ITX through a standard DisplayPort cable and adapter cards included with the kit. The display panel included with this kit provides a remarkable luminance level of 850 nits and a uniform 75 degree viewing angle, making the optic performance of this display an excellent fit for portable equipment applications, particularly in situations where the user may not be at an optimal distance from the display or where the equipment is located under non-ideal lighting conditions.

What's Inside the Box

- 10-inch display assembly
 - Ampire LVDS 10.1 inch WXGA TFT-LCD with LED backlight
 - Integrated Projected Capacitive (PCAP) touch overlay
 - Integrated PCAP controller flex tail
 - Samsung Linear Resonant Actuator (LRA) for haptics
 - ALI3 Ampire 10 inch display adapter board
- Zed LCD interface interposer board
- Standard DisplayPort to Mini DisplayPort cable
- 12V power supply
- Quick Start Card with instructions

Part Numbers & Pricing

Part Number	Description	Price
AES-ALI3-AMPIRE10-G	10-inch Touch Display Kit	\$499.00 USD

Refer to the Quick Start Card instructions (included with this kit) and the Getting Stated Guide for assistance in setting up your development system and to obtain the appropriate tools and demo files.

Please visit the product page for more details and updated information:

www.picozed.org

Sincerely,

Avnet Global Solutions Team