

ZedBoard™ is a low-cost development board for the AMD Xilinx Zynq®-7000 All Programmable SoC. This board contains everything necessary to create a Linux, Android, Windows® or other OS/RTOS-based design. Additionally, several expansion connectors expose the processing system and programmable logic I/Os for easy user access. Take advantage of the Zynq-7000 AP SoC's tightly coupled ARM® processing system and 7 series programmable logic to create unique and powerful designs with ZedBoard. ZedBoard is supported by the avnet.me/zed-forums community website where users can collaborate with other engineers also working on Zynq designs.

Features

- Zynq®-7000 All Programmable SoC XC7Z020-CLG484-1
 - Memory
 - 512 MB DDR3
 - 256 Mb Quad-SPI Flash
 - 4 GB SD card
- Onboard USB-JTAG Programming
- 10/100/1000 Ethernet
- USB OTG 2.0 and USB-UART
- PS & PL I/O expansion
- (FMC, Pmod™ Compatible, XADC)
- Multiple displays (1080p HDMI, 8-bit VGA, 128 x 32 OLED)
- I2S Audio CODEC

Target apps

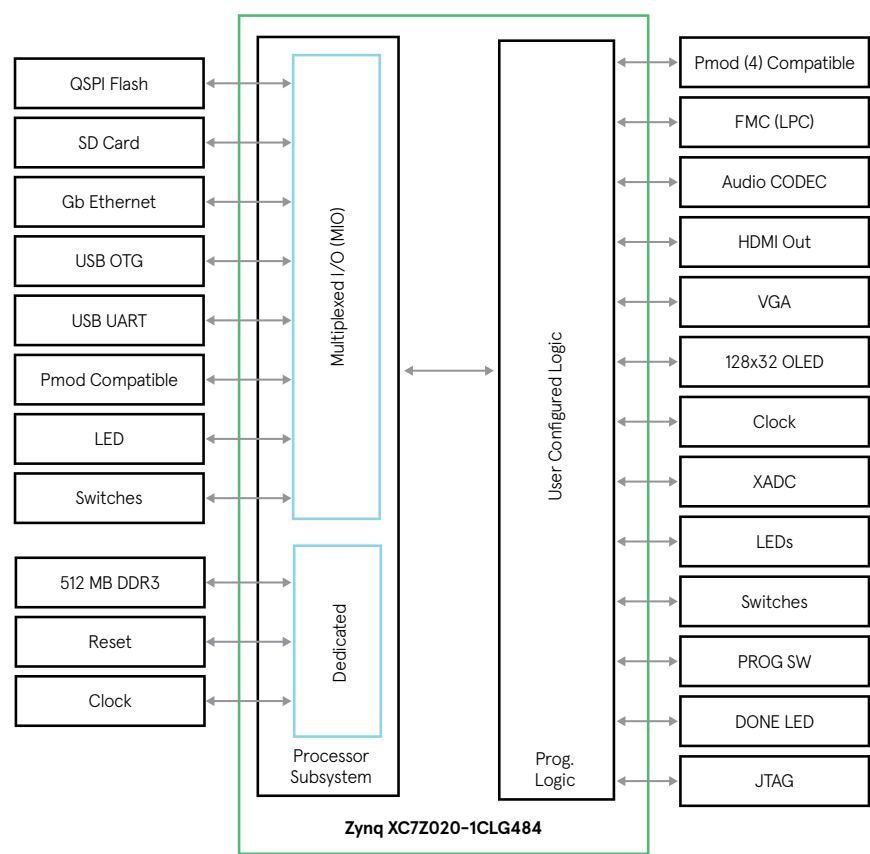
- Video processing
- Motor control
- Software acceleration
- Linux/Android/RTOS development
- Embedded ARM® processing
- General Zynq®-7000 All Programmable SoC prototyping



Kit includes

- Avnet ZedBoard 7020 baseboard
- 12 V power supply
- 4 GB SD Card
- Micro-USB cable
- USB Adapter: Male Micro-B to Female Standard-A
- Getting Started Guide
- AMD Xilinx Vivado ML Standard Edition support

Block diagram



Featured manufacturers



Sponsors



Parts

Part number	Description	Price and availability
AES-Z7EV-7Z020-G	ZedBoard Zynq-7000 Development Kit	avnet.me/zedboard.pdp

Countries available for purchase: Americas, EMEA, Asia, Japan

Contact information

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