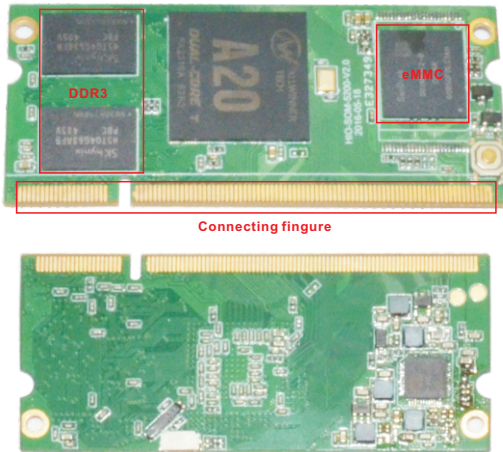


AED-2002

Supporting Allwinner® A20 ARM dual core Cortex-A7 processor



Features

- Supporting Allwinner A20 ARM dual core Cortex-A7 processor
- ARM Mali400MP2 Comply with OpenGL ES 2.0/1.1
- Up to 1 GB DDR3 and 8 GB (By default, up to 16GB/32GB/64GB) eMMC
- 1x Integrated HDMI 1.4 transmitter with HDCP support
- 67mm x 30mm
- Low power consumption



The AED-2002, measuring only 67mm x 30mm, is a highly flexible System-on-Module (SoM) based on NXP's i.MX 6UltraLite family and carries a 696MHz ARM Cortex-A7™ processor. It features improved graphics performance with the ARM Mali400MP2 (comply with OpenGL ES 2.0/1.1) alongside with integrated HDMI1.4 transmitter with HDCP support.

Specification

Processor System	CPU	Allwinner A20 ARM Cortex-A7 Dual-Core
	Core number	2
Memory	Technology	DDR3
	Max. Capacity	1GB (2PCS*16bit*256MB)
Graphics	Controller	ARM Mali400MP2 Comply with OpenGL ES 2.0/1.1 0
	HDMI1.4	1, with HDCP support
Storage	Flash	8GB(by default)/16GB\32GB\64GB eMMC
HDMI	1x Integrated HDMI 1.4 transmitter with HDCP support	
USB OTG	1	
SDIO	2	
Display	1x Double 8bit LVDS OUT(or 24 parallel RGB)	
IIC	3	
SPI	2	
LAN	1x 10\100\1000Mbps LAN	
UART	4	
Key	1x Power Key	
USB Host	1	
JTAG	1x JTAG For CPU	
OS	Android	4.2.2
	Kernel	3.0.35