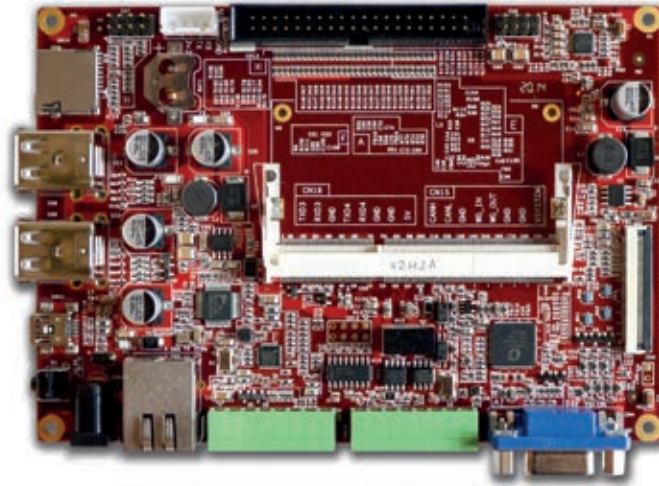


SBC EVA AM335X

CLOUD SERVICE



HIGH PERFORMANCE

102 mm

142,69 mm

Processor Sitara™ AM335x
Software LINUX / ANDROID



APPLICATION AREAS:



MEDICAL



AUTOMATION



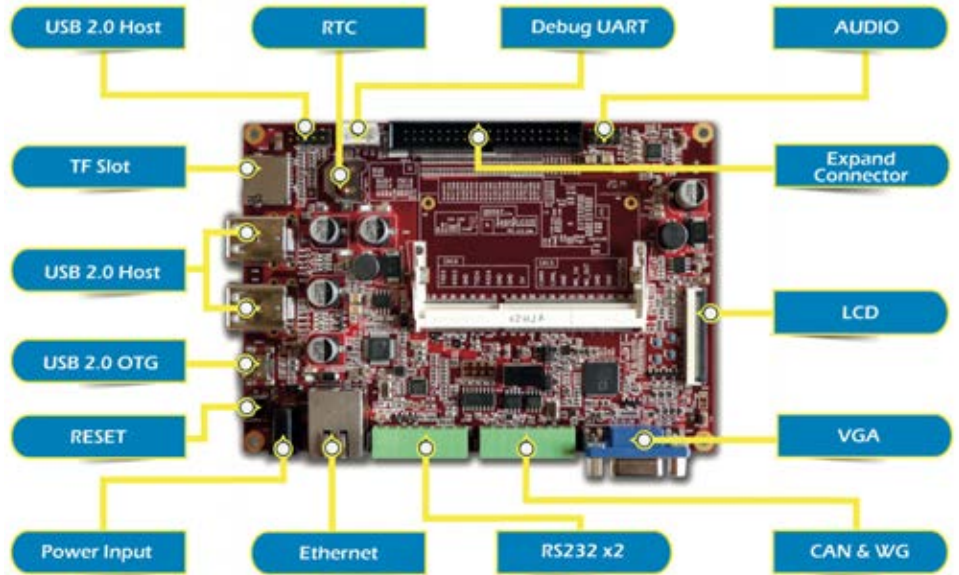
INDUSTRIAL

EVA AM335x

The single board computer EVA which has an expansion board to carry the MRA335x is one of our design of the base plate. The flexible design allows the fast and easy way of realizing and upgrading the controller's capabilities. In addition to those features offered by MRA335x, the EVA features 4 serial ports (including 2 RS232 and 2 TTL), 4 USB Host and 1 USB OTG, 1 Ethernet ports, CAN, RS485, Wiegand, VGA, LCD, Touch screen, Audio, SPI, I2C, ADC, PWM, RTC, GPIOs and more other peripherals. The single board targets a wide range of applications, including: HMIs Digital Signage, POS, Data Terminal, Medical Devices, Navigation, Industrial Automation, Entertainment system, Thin Clients, Robotics, Game Console and much more.



SBC EVA AM335X



CPU	
CPU name	MIREA Am335x Som
CPU type	AM3352, AM3354, AM3358
Cores	x1
PERIPHERALS	
SD / MMC	x1
USB Host / Device	X5 4 USB host, 1x USB OTG
UART	x2TTL x2 RS232
I2C	x2
SPI	x2
CAN	x1 ISO
RTC	x1
Audio	x1 In x1 Out
Ethernet	x1 Gigabit
GPIOs	x30
DISPLAY	
Parallel	x1 16bit
RGB	x1 RGB analog
MULTIMEDIA	
2D/3D Graphics Acceleration	X1

MULTIMEDIA	
2D/3D Graphics Acceleration	X1
MEMORIES	
RAM	512 MB DDR3L
eMMC	FROM 4 to 64Gbyte
NAND	256/512Mbyte
SOFTWARE SUPPORT	
LINUX	Kernel 4.1.15 YOCTO
ANDROID	upon request
Ubuntu	18.04
MECHANICAL SPECIFICATIONS	
Dimensions	142,69 x 102 mm
ELECTRICAL SPECIFICATIONS	
Power supply	12VDC
Consumption	500mA
ENVIRONMENTAL SPECIFICATIONS	
Commercial temperature (0 to 70°C)	Available
Extended temperature (-20 to 70°C)	Available
Industrial temperature (-40 to 85°C)	Available
LONGEVITY	
Minimum availability	2028