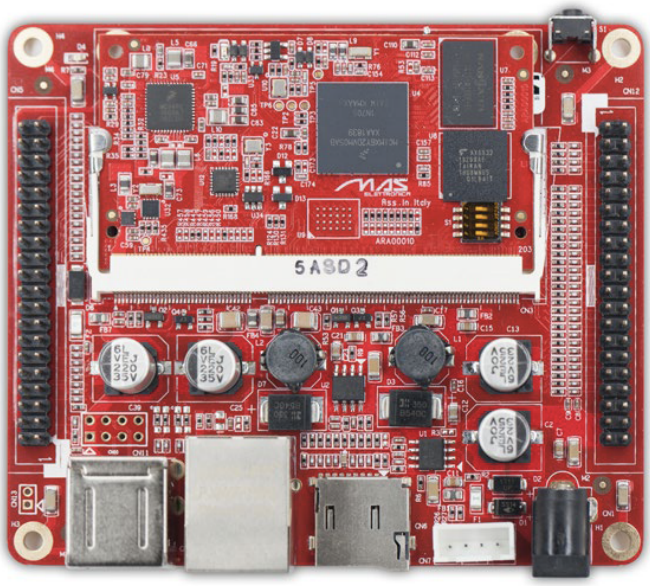
SBC Sara i.MX6ULL



Processor:
AURA NXP i.MX6UL/ULL/ULZ
Cortex™-A7

Software:
LINUX kernel 4.14 / Yocto Sumo

Linux yocto PROJECT

Applications

- Medical
- Industrial

SBC Sara iMX6ULL

SARA is an SBC based on NXP IMX6ULL CPU (SARA) technology. Its compact size and its flexibility make it the ideal product for applications requiring low consumption and high connectivity. SARA targets a wide range of applications, including: small HMIs, Medical Devices, Industrial IOT and Ambiental datalogging.

SBC Sara i.MX6ULL

Feature of the CPU Module:

CPU
CPU AURA NXP i.MX6UL/ULL/ULZ
CPU type Cortex™-A7
Cores x1
DISPLAY
UP to 1366 x 768 16-bit TTL
Storage
eMMC 4 to 64Gbyte
NAND 256/512Mbyte
NOR SPI 128MBYTE
MEMORY
128 – 1024 MB DDR3L
MULTIMEDIA
2D pixel acceleration engine (PxP)
PERIPHERALS
uSD MMC x1
USB Host/ device x2 2 USB Host, 1x USB OTG
UART x 4 TTL up to 5 Mbps
I2C x2
SPI x2
RTC x1

Ethernet x1 10/100Mbit/s
GPIOs x30
1x Debug UART (3V3 TTL)
SOFTWARE SUPPORT
LINUX kernel 4.14; Yocto Sumo
MECHANICAL SPECIFICATIONS
130 x 103.5 mm
ELECTRICAL SPECIFICATIONS
Power Supply 12VDC
Consumption 50mA, in supsend to RAM 8mA
ENVIRONMENTAL SPECIFICATIONS
Commercial temperature (0° a 70°)
Extended temperature (-20° a 70°)
Industrial temperature (-40° a 85°)
LONGEVITY
2030
ACCESSORIES
DISPLAY LCD 0704 0 00 RESOLUTION 1024X600, CTP
GNR 0001 0 POWER SUPPLY 12V DC 2250mA