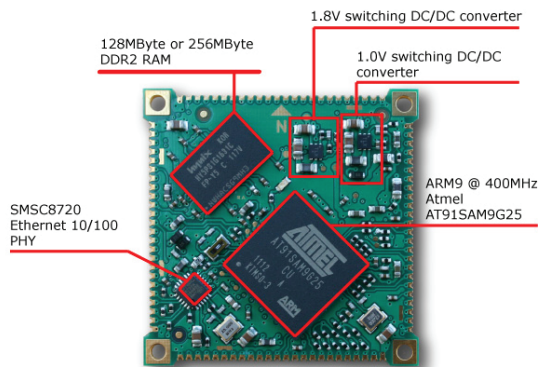


Aria G25

Prices starting from
24 EUR Q.ty 1

ARM9 @ 400MHz low cost SMD System on Module

Aria G25 is a cost-effective System-on-Module (SoM) thought of to reduce development time drastically in the design of low-power and low-EMI Linux Embedded devices. The more complex hardware, like CPU, RAM, Ethernet, power and EMI components, is integrated on a single SMD module in just 40x40 mm (1.57x1.57 inches) using a complex PCB with 8 layers permitting hardware designers to create their carrier board on simple and cheap PCBs with few layers.



Atmel ARIA G25
INSIDE



Linux available

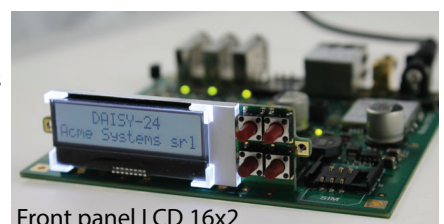
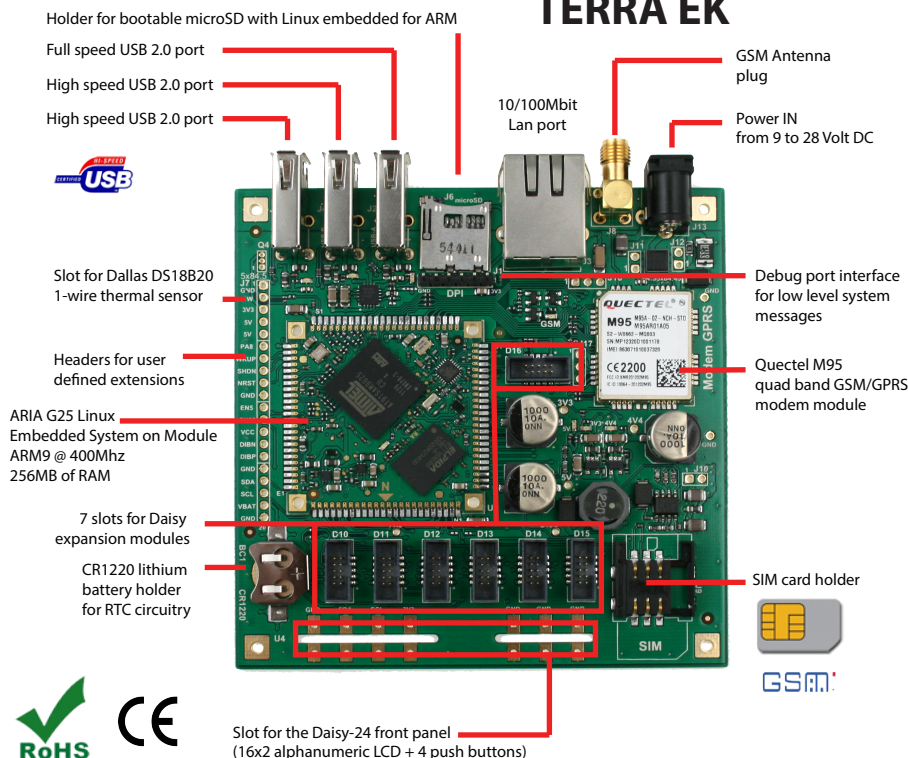
Key features

- **Atmel AT91SAM9G25** ARM9 CPU@400Mhz
- 128MByte or 256MByte of DDR2 RAM
- Low power consumption, low EMI
- Single power supply at 3.3 Volt
- Temp. range: -40 +85 °C
- Size: 40 x 40 mm (1.57x1.57 inches), Weight: 5g
- SMD pads pitch 1.27 mm
- RoHS compliant

Exposed signals

- USB 2.0 host (up to 3)
- USB 2.0 device (1)
- 10/100 Mbit Eth I/F
- Serial (up to 6)
- TWI (up to 2)
- SPI (up to 2)
- GPIO (up to 60)
- A/D @ 10 bit (up to 4)
- PWM (up to 6)
- Timer counter
- SSC-I2S
- Debug port
- Battery input for internal RTC

TERRA EK



Front panel LCD 16x2



Aluminium and ABS enclosure



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ACME SYSTEMS SRL

Linux Embedded boards & modules

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