

AUG AMI DevKit for the .NET Micro Framework

Version 2.0 - 10.12.2008, AS

Technical product brief

Hardware details

- * Atmel AT91SAM9261 (200 MHz)
- * 160 kB SRAM (internal)
- * 64 MB SDRAM
- * 256 MB NAND Flash
- * 3.4" OLED Display 480x272, 24 BPP RGB resistive touch screen (SPI)
- * capacitive sensor keypad (16 keys, I2C)
- * 4 serial Ports (2 RS-232, 1 RS-485, 1 Debug RS-232)
- * 10/100 MBit Ethernet Auto-MDI
- * I2C Bus
- * SPI Bus
- * battery backed realtime-clock (I2C)
- * several (15) free GPIOs (more depend on peripherals)
- * USB Host*
- * USB Device*
- * Micro SD-Card slot*
- * single 5 V power supply
- * PowerOverEthernet PoE power supply (optional)

Software details

- * .NET Micro Framework 3.0
- * Visual Studio 2008 Express SP1 support for ethernet (default) or serial debugging

Current software limitations

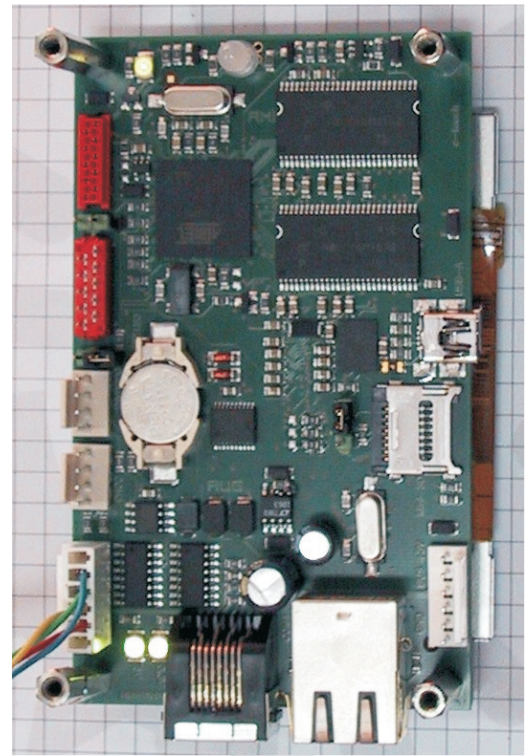
- * USB Host not yet implemented in the .NET MF (ask MF core team)
- * USB Device not yet implemented in our port (possible on request)
- * Micro SD-Card slot: FAT filesystem not yet implemented in our port (possible on request)

Characteristics

Operational temperature range 0..65°C
Max. power consumption 1 A @ 5 V (5 W)
Typ. power consumption 500 mA @ 5 V (2.5 W)
RoHS compliant

Dimensions

110 mm x 65 mm x 28 mm
102 g (incl. Ethernet and 3.4" OLED display)



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