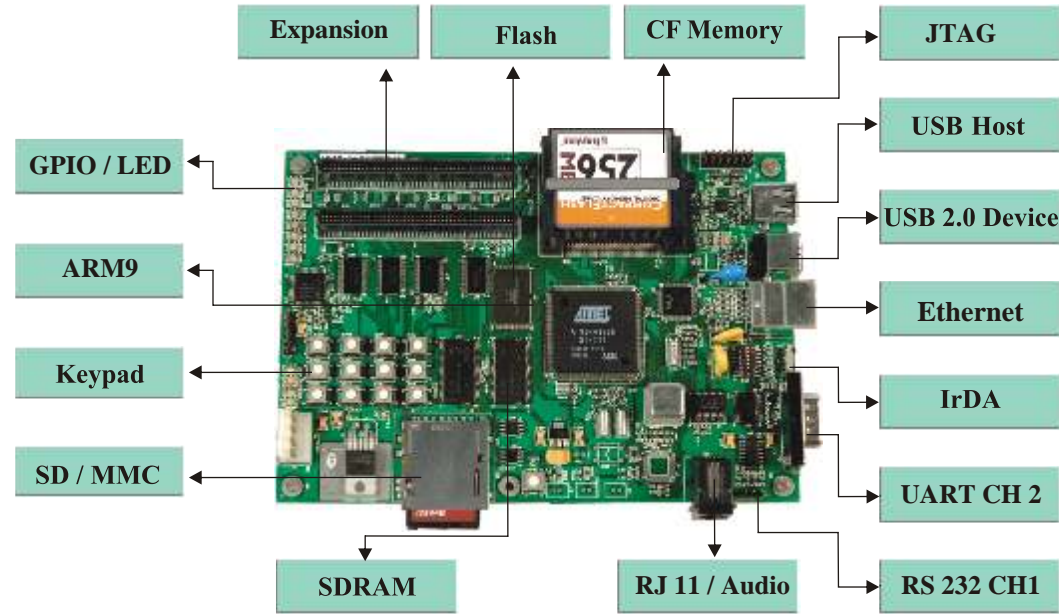


ARM9 Development Platform

iW ARM9XXG2 is an ATMEL ARM9 (AT91RM9200) based reference design for use in variety of applied computing applications.



Features

Processor	AT91RM9200 Atmel Processor based on 32-bit ARM920T RISC Core@180 MHz, 16KB Instruction Cache and 16KB Data Cache
Memory	4MB Flash Memory, expandable to 16MB. 64 MB SDRAM, expandable to 128MB
Communication	USB 2.0 Full Speed Device, RS 232 CH1 Ethernet Interface 10/100 Mbps
Peripherals	4 x 3 Key Pad Matrix, Programmable LEDs on GPIOs
Debugger	On-board JTAG Debug Connectors
OS	Embedded Linux 2.6
Optionals	Audio codec and Telephone handset interface Compact Flash Type II card interface SD / MMC (Multimedia Card interface) USB 2.0 Full speed Host, FPGA expansion module UART CH2 (Full Modem Support), IrDA, Expansion connectors Win CE.Net 5.0

Deliverables

- ▶ ARM9 Platform
- ▶ Supported Driver as Binaries
- ▶ User Manual
- ▶ GNU Tool Kit
- ▶ Power Supply
- ▶ Cables

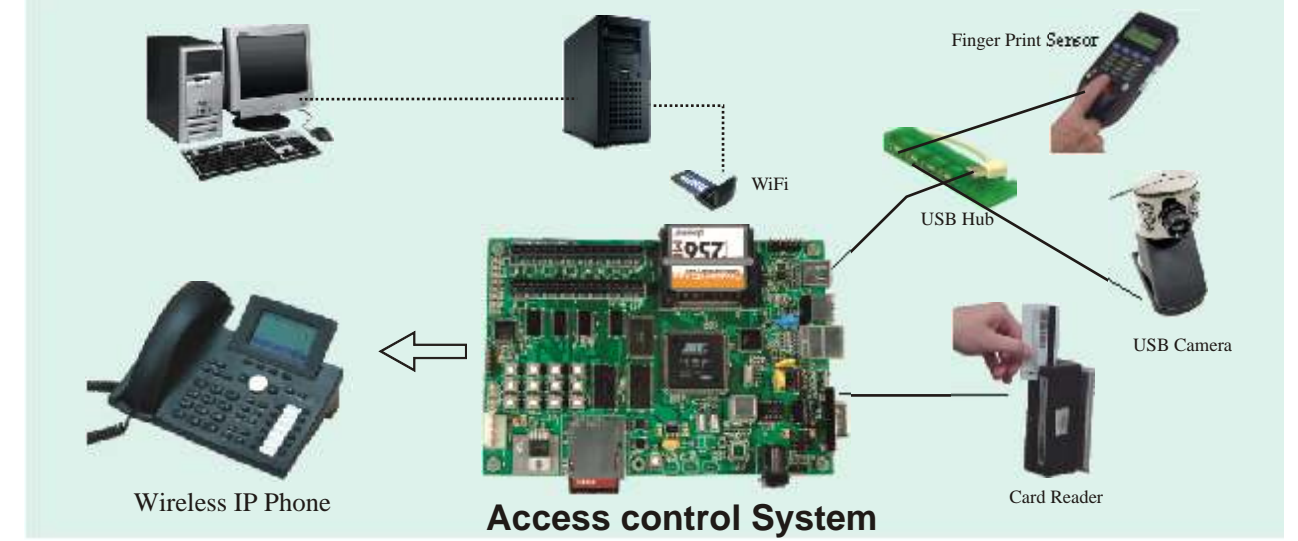
GNU Tool Kit	
binutils	Binary utilities
cpp	GNU C preprocessor
gcc	GNU C compiler
g++	GNU C++ compiler
libstdc++	GNU stdc++ library

iwave reserves the right to change these specifications without notice as part of iwave's continuous effort to meet the best of breed specification.

ARM9 Development Platform

iW ARM9XXG2 is an ATMEL AT91RM9200 based reference design can be used for different applications in medical, Industrial, Automotive, Security and surveillance, logistics and so on. One sample application is given below.

Sample Application



Training Lab

Sample Experiments



Firmware, Linux & Win CE BSP for

- ▶ Serial
- ▶ Flash
- ▶ IrDA
- ▶ Ethernet
- ▶ USB Host & Device
- ▶ Keypad & LED
- ▶ CF & SD

OS Support



About Us

iWave Systems Technologies is an embedded Hardware and Software Turnkey Design Services company, focused on providing integrated solutions for developing innovative products and systems in the areas of Communication, Consumer electronics and Multimedia. iWave offers complete turnkey solutions for systems engineering and product development.

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