

Evaluation Boards & Development Kits

- CPU module based on ARM920T Cirrus Logic
- Expansion Bus fully available
- Linux 2.6.xx + native component drivers (ZELK)
- Windows CE BSP (ZWCK)
- ECos (ZECK)
- Evaluation Board available with exhaustive documentation



Zefeer Evaluation Boards & Development Kits support ready-to-use Zefeer CPU modules based on Cirrus Logic EP93XX CPUs. Evaluation boards and kits are devoted to show the potentiality of the CPU modules, providing ready-to-use drivers for native interfaces allowed by microprocessors. All native buses and interfaces of the microprocessor are on the board or routed to separate connectors, enabling users to perform full on-board tests. Three environments (Linux, Windows CE, eCos) are available as well as two classes of microprocessors (DZA-9301, 9302) and (DZQ-9307, 9312 & 9315).

EVBZL

CPU Module	DZB4100C Zefeer Module w/EP9302 @ 200MHz, 4 MB Flash, 16 MB SDRAM
Memory on Host	Flash NAND 32 Mbytes
Others	RTC via I2C bus & backup lithium battery Dip switches for bootstrapping options, reset pushbutton
Interfaces	Ethernet RJ45 connector UARTs nr.1 full (5+3) nr.1 Rx-Tx USB host (type A) External Bus 16-bit, 26 Address Bits -5 direct Chip Select I/O Controller (number tbd)
Debug Interfaces	JTAG IEEE 1149.1 Test Access Port
Mechanical	Physical 100 (w) x 160 (l) mm ²
PSU	7-12V d.c.
Agency Approvals	CE Mark (EN 55022, EN 61000-4-3, EN 61000-4-4, EN 61000-4-6)

EVBZH

CPU Module	DZQ3600C Zefeer Module w/EP9315 @ 200MHz, 32 MB Flash, 64 MB SDRAM
Memory on Host	Flash NAND 32 Mbytes
Others	RTC via I2C bus & backup lithium battery Dip switches for bootstrapping options, reset pushbutton
Interfaces	Ethernet RJ45 connector UARTs nr.1 full (5+3) nr.1 Rx-Tx USB host (type A) External Bus 16-bit, 26 Address Bits -5 direct Chip Select IDE 20 x 2 pin connector, LCD (LCD software is incl. in the lit even if LCD module is sold separately) I/O Controller (number tbd)
Debug Interfaces	JTAG IEEE 1149.1 Test Access Port
Mechanical	Physical 140 (w) x 195(l) mm ²
PSU	ATX standard, 20 pins minifit connector w/ start pushbutton
Agency Approvals	CE Mark (EN 55022, EN 61000-4-3, EN 61000-4-4, EN 61000-4-6)

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