



Keith & Koep SPARK (XScale PXA270)

Product Brief April 2008

The SPARK kit contains : Trizeps IV CPU-Module, Baseboard uConXS, Windows Embedded CE 6.0 R2,
Visual Studio Professional 2005

CPU-Module SODIMM 200

- Trizeps IV - PXA270, 312 MHz
- 64 MByte SDRAM
- 32 MByte NOR FLASH
- 2 x USB Host
- USB Slave
- 100/10 MBit Ethernet
- 3 x UART
- LCD Controller, 4-wire Touch Input
- CMOS camera input
- Audio
- 4x ADC
- GPIOs

Carrier board interfaces (uConXS)

- 10/100 MBit Ethernet
- 2x USB Host
- USB Slave
- Serial
- VGA Output
- Audio in/out
- SD/MMC Card, SDIO capable
- Extension Connector (up to 27 GPIOs, i2c, SPI, USB, camera IF, 2xUART, 3x10 Bit ADC)

Extension Boards available (via Extension Connector)

- Digital IO

Extension Boards (planned):

- Cmos Camera and PAL input
- Fingerprint
- Wireless Transceiver for wireless home technology 868 MHz
- GSM/GPRS Modem

Dimensions

141 mm x 80 mm x 28 mm

Current-Supply

12 V DC, average power consumption (idle): 130 mA

Operating Systems

Microsoft Windows Embedded CE 6.0 R2