

KAMIO-2701A / 2702A ARM-based SBC

XScale® General Purpose

128MB SDRAM 18-bit LVDS LCD I/F LCD inverter I/F 5V / 12V DC input

MARVELL XScale PXA270 520MHz Processor
Battery-backup RTC

4-wired resistive touch I/F



KAMIO-WL01 or KAMIO-SD01

SDIO I/F can connect with KAMIO-WL01 WiFi module or KAMIO-SD01 Mini SD card reader module

Preinstalled Windows® CE5.0 or ARM-Linux boot from CompactFlash card



CF card



18-bit TTL LCD I/F can connect with KAMIO-VGA01 TTL-to-VGA output module

KAMIO-VGA01



Features:

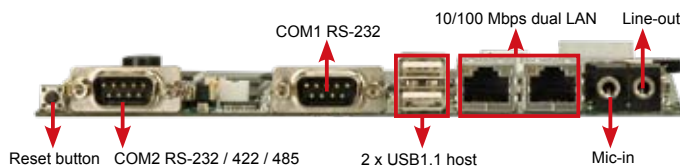
- MARVELL XScale PXA270 520MHz processor
- Extremely durable in harsh environments.
- Compact form factor.
- Low power consumption.
- No cooling fan required.
- Built-in TTL and LVDS TFT LCD interfaces and touch controller.
- Standard peripheral device interface connectors include Ethernet, Serial, USB ports, CompactFlash memory, and audio.
- Preinstalled Windows® CE5.0 or Gnu/Linux with Rev2.6.18 kernel embedded operating system.
- Windows® CE5.0 SDK or ARM-LINUX_GCC tool chain for user application software development.

Packing List

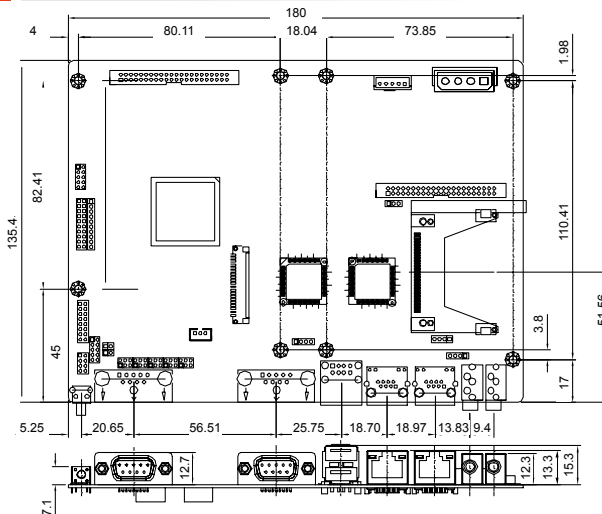
- 1 x KAMIO-2701A / 2702A single board computer
- 1 x Utility CD includes application tools, SDK, and technical document.
- 1 x 256MB CompactFlash card with built-in Windows® CE5.0 or ARM-Linux kernel Rev2.6.18

Ordering Information

Part No.	Description
KAMIO-2701A-CE5/-R10	MARVELL XScale PXA270 RISC-based embedded SBC with 256MB CompactFlash card and built-in Windows® CE5.0 OS
KAMIO-2702A-UX/-R10	MARVELL XScale PXA270 RISC-based embedded SBC with 256MB CompactFlash card and built-in ARM-Linux kernel Rev2.6.18



Dimensions (Unit : mm)



Options

Part No.	Description
KAMIO-VGA01-R10	LCD TTL interface to analog VGA output module
KAMIO-SD01-R10	Mini SD card reader module
KAMIO-WL01-R30	Wireless LAN module supports 802.11b/g
KAMIO-2701A-CE5/BSP/-R10	Windows® CE5.0 board support package for KAMIO-2701A
KAMIO-2702A-UX/BSP/-R10	ARM-Linux kernel 2.6.18 board support package for KAMIO-2702A