

# KAMIO-CB01A / CM01A ARM-based SBC

**XScale® COM (computer on module) solution**

- 18-bit TTL LCD I/F can connect with KAMIO-VGA01 TTL-to-VGA output module
- SPI I/F can connect with KAMIO-WL01 WiFi module supports 802.11 b/g
- 18-bit LVDS LCD I/F
- SDIO I/F can connect with KAMIO-SD01 Mini SD card reader module

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

**KAMIO-VGA01**  
**KAMIO-WL01**  
**KAMIO-SD01**  
**KAMIO-CM01A computer-on-module**

**CF card**



## Features:

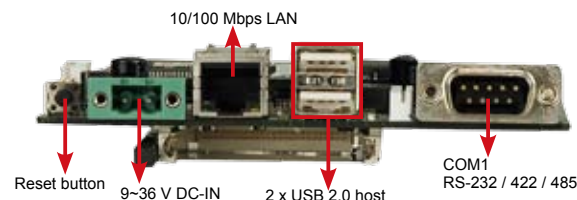
- MARVELL XScale PXA270 520MHz processor
- Board-to-Board CPU and I/O flexible application.
- Extremely durable in harsh environments.
- Compact form factor.
- Low power consumption.
- No cooling fan required.
- Built-in TTL TFT LCD interfaces and touch controller.
- Standard peripheral device interface 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

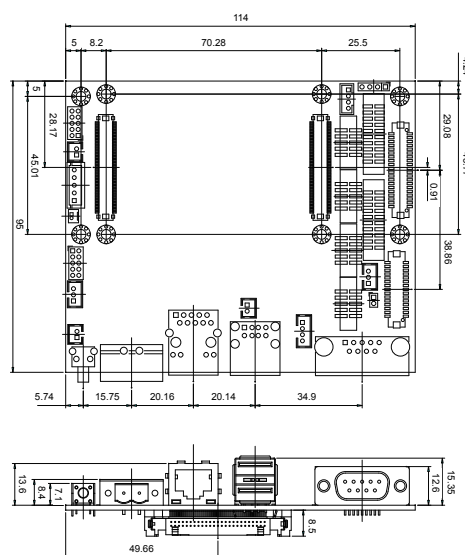
KAMIO-CM01A	1 x KAMIO-CM01A CPU board (main board)
	1 x KAMIO-CB01A carry board (I/O function board)
KAMIO-CB01A	1 x Utility CD includes application tools, SDK, and technical document
	1 x CompactFlash card with built-in Windows® CE5.0 or ARM-Linux kernel Rev2.6.18

## Ordering Information

Part No.	Description
KAMIO-CM01A-R10	MARVELL XScale PXA270 RISC-based CPU board with Windows® CE5.0 bootloader for KAMIO-CB01A-R10
KAMIO-CM01AUX-R10	MARVELL XScale PXA270 RISC-based CPU board with Embedded Linux bootloader for KAMIO-CB01AUX-R10
KAMIO-CB01A-01A-R10	MARVELL XScale PXA270 RISC-based carry board for KAMIO-CM01A Computer-on-Module with 256MB CompactFlash card and built-in Windows® CE5.0 OS
KAMIO-CB01A-01AUX-R10	MARVELL XScale PXA270 RISC-based carry board for KAMIO-CM01A Computer-on-Module 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-R20	Wireless LAN module supports 802.11b/g