



Quick Installation Guide

3307730

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Quick Installation Guide

Version: 1.0

3307730

Half-size Embedded VIA Mark SBC
CoreFusion Processor with CRT/LCD,
Dual Fast Ethernet, AC97 3D Audio,
PC/104 and Compact Flash Socket

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Technical Support

Please do not hesitate to call or e-mail our customer service if you have any questions.

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Part Number: 4041062200100P

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Specification

Product Name	3307730
Form Factor	Half-size Industrial Board
Processor	VIA Mark 533MHz
Chipset	VIA Mark + VT82C686B chipset
System Memory	128MB/256MB (optional) + 1 x SO-DIMM up to 640MB/768MB
VGA/LCD Controller	VIA Mark ProSavage4 Engine and LVDS, TFT supporting
Ethernet	Fast Ethernet Realtek RTL8100C 10/100 x 1
BIOS	Phoenix- AWARD PhP Flash BIOS
Audio	VIA VT1613 AC97 Code Audio Support Mic-in/Line-in/Line-out/CD-in 1 x Ultra DMA 33/66, support 2 IDE driver (40-pin), (IDE2: 44-pin) CF: (IDE2: SLAVE)
IDE Interface	Support 2 x SATA with VT 6421A (Serial ATA controller)
Serial ATA	Support 2 x SATA with VT 6421A (Serial ATA controller)
Serial Port	2 x RS-232 & 2 x RS-232C/422/485 (optional)
Parallel Port	1 x Parallel port supports SPP/EPP/ECP mode
K/B and Mouse	1 x PS2 K/B & Mouse
USB port	4 x USB 1.1 compliant
Watchdog Timer	256-Level generates Reset
Operation Temp.	0°C ~ 60°C (32~140°F)
Expansion socket	Onboard PC104 Standard compliant

Note: 640MB with SO-DIMM and on Board 128MB equal 640MB (optional)
512MB with SO-DIMM and on Board 256MB equal 768MB (optional)
256MB with SO-DIMM and on Board 128MB equal 384MB (optional)
256MB with SO-DIMM and on Board 256MB equal 512MB (optional)

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Packing List

Before you begin installing your single board, please make sure that the following materials have been shipped:

- ◆ 1 x 3307730 Half-size VIA Mark SBC
- ◆ 1 x Quick Installation Guide
- ◆ 1 x CD-ROM (for driver used)
- ◆ 1 x Y Cable (PS2)
- ◆ 1 x USB Cable
- ◆ 1 x IDE Cable

Optional

- ◆ 1 x Cable Kits (CBK-06-0622-00) contains the followings:
 - ◆ 1 x IDE Cable (IDE2)
 - ◆ 1 x FDD Cable
 - ◆ 1 x PRINT Cable
 - ◆ 1 x Audio Cable
 - ◆ 1 x COM Flat Cable
 - ◆ 1 x SATA Cable

Ordering Information

3307730A	Half-size VIA Mark/533 SBC with CRT, LCD, Audio, two COM, PC104 and one LAN
3307730B (Optional)	Half-size VIA Mark/533 SBC with 128MB RAM on Board CRT, LCD, Audio, two COM, PC104 and one LAN
3307730C (Optional)	Half-size VIA Mark SBC with 128MB RAM on Board CRT, LCD, Audio, Four COM, PC104 and Dual LAN

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Jumper/Connector Quick Reference

Jumpers

JBAT1	CMOS Jumper Setting
JRS1	RS-232/422/485 Select
JVLC1	Panel Voltage Select

Connectors

SODIMM1	144-pin SDRAM SODIMM Socket
IDE1	Primary IDE Connector
IDE2	Secondary IDE Connector
SATA1	Primary Serial ATA Connector
SATA2	Secondary Serial ATA Connector
FDD1	Floppy Disk Drive Connector
LPT1	Parallel Port
LAN1, 2	Ethernet Connector
LLED1	Ethernet Active / Link LED
COM1, 2, 3, 4	Serial Port
CON1	RS-422 / 485 Output
USB1	USB 1/2 Connector
USB2	USB 3/4 Connector
AUDIO1	Audio Interface Port
VGA1	CRT Display
EKB1	Extension Keyboard Connector
KBM1	PS/2 Keyboard and Mouse
INV1	LCD Inverter Connector
LCD1	40-pin TTL LCD Panel Connector
LCD2	20 -pin TTL LCD Panel Connector
LVDS1	LVDS LCD Panel Connector
DIO1	Digital I/O Connector
EATX1	ATX Feature Connector
JFRT1	Front Panel (Switches and Indicators)
CPUF1	CPU Fan Connector
CFD1	Compact Flash Socket
PWR1	Power Connector
IR1	Infrared (IR) Connector

Note: CFD1

1. CF shares Secondary IDE (default: Master).
2. CF does not support Hot Swap.

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