MX700CN2-C10/15

VIA CN700 Mini-ITX Motherboard

Startup Manual

Packing List

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

- 1 x VIA CN700 Mini-ITX Main board
- 1 x CD-ROM contains the followings:
  - User's Manual in PDF file
  - Drivers
- 1 x Startup Manual
- 1 x SATA Cable
- 1 x IDE Cable
- 1 x COM Cable
- 1 X I/O Shield

Disclaimer and Notice

The manufacturer reserves the right to make changes, without notice, to any product, including circuits and/or software described or contained in this manual in order to improve design and/or performance. The manufacturer assumes no responsibility or liability for the use of the described product(s), conveys no license or title under any patent, copyright, or masks work rights to these products, and makes no representations or warranties that these products are free from patent, copyright, or mask work right infringement, unless otherwise specified. For the detail product information, please refer to user's manual.

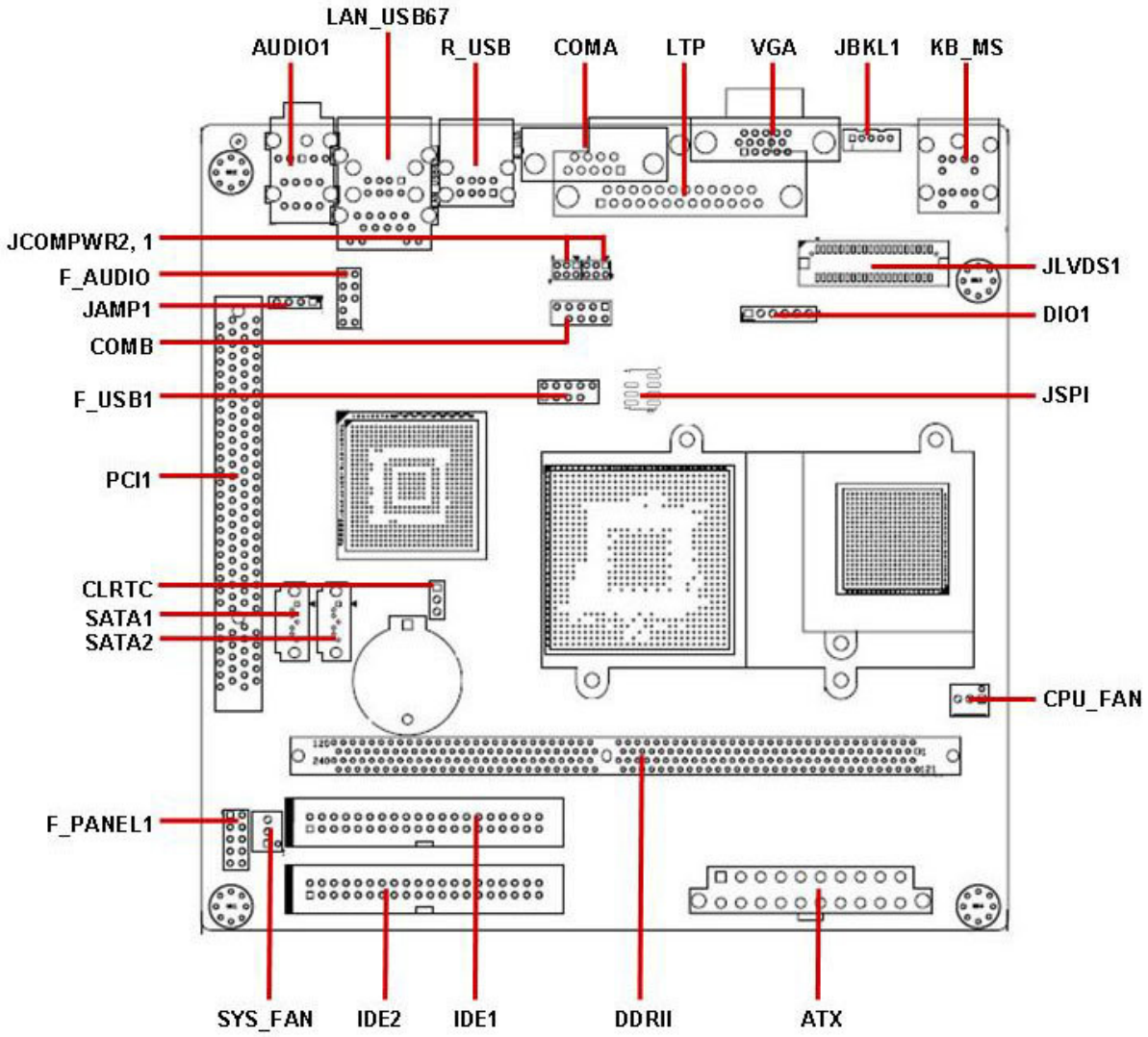
Safety Declaration

This device complies with the requirements in Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation .

15GS0600046T26

Product Overview

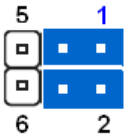
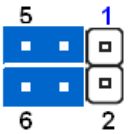
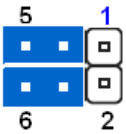
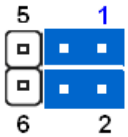
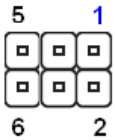
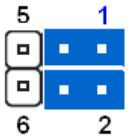


Specifications

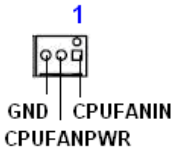
System	
CPU	VIA C7 1.0/1.5 GHz onboard
FSB	400 MHz
BIOS	Award 4 Mb Flash ROM BIOS
System Chipset	VIA CN700/M
I/O Chipset	ITE 8712F
Memory	One 240-pin DIMM up to total 1GB DDR2 400/533 SDRAM
H/W Status Monitor	Monitoring CPU temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
Expansion Slots	1 x PCI (PCI Rev. 2.3 compliant)
DIO	4-bit (4-in or 4-out)
Wake up on LAN or Ring	Both (PME / RPL / WOR)
Display	
Chipset	Integrated VIA UniChrome Pro AGP graphics with MPEG-2 Decoding Acceleration

Display	
Display Memory	VIA S3 UniChrome Pro II 3D Graphic Engine Shared system memory up to 128MB I/O
Max. Resolution	1920 x 1440 @75Hz
Dual Display	Yes(CRT+LVDS)
VGA	Yes
LVDS	Yes ,Dual-channel 24-bit LVDS
LVDS Backlight Power	Yes
Audio	
Audio Codec	Realtek® ALC655, 5.1+2 with Multiple Streaming Audio
Audio Interface	Mic in, Line in, Line out
Audio Amplifier (W)	Dual 6W Amp.(TPA3005D2)
Ethernet	
LAN1	Realtek RTL 8110SC Gigabit LAN

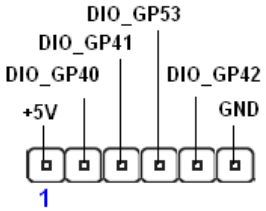
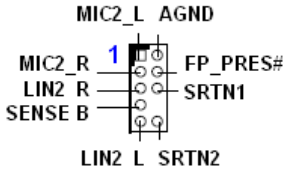
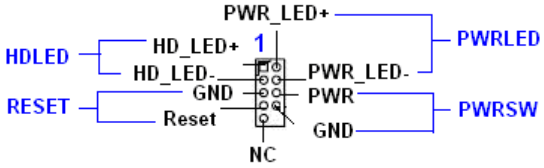
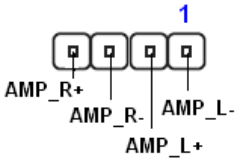
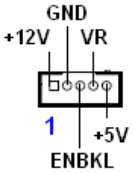
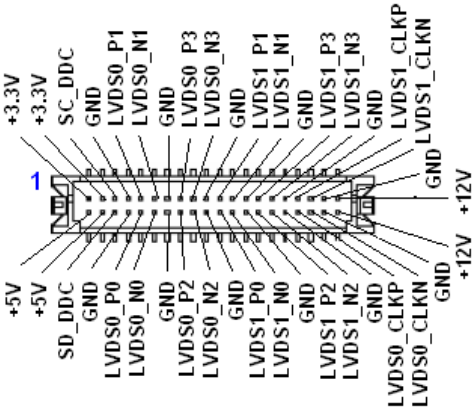
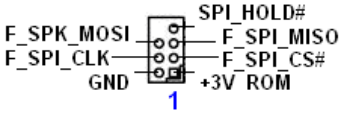
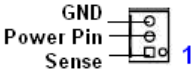
Jumpers

Label	Function	Note
CLRTC	**Clear CMOS**	**Normal *** **Clear CMOS**
JCOMPWR1, JCOMPWR2	**COM1 RI/+5V/+12V Selection**	**JCOMPWR1** **JCOMPWR2** **+5V ***   **+12V**   **Ring**  

Connectors

Label	Function	Note
CPU_FAN	**CPU Fan Connector**	

Connectors

Label	Function	Note
DIO	Digital I/O connector	
F_AUDIO	Front Panel Audio Connector	
F_PANEL1	System Panel Connector	
JAMP1	Amplifier connector	
JBKL1	LCD Inverter connector	
JLVDS1	LVDS connector	
JSPI	SPI pin header	
SYS_FAN	CPU Fan Connector