Vox-084-TS

8.4" Thin Frame Panel PC

w/ Vortex86-6047 / USB Touch Screen

Quick-Reference Manual

(Revision 1.0)

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Startup

0.1   Packing List

Product Name	Function	Package
Vox-084-TS	8.4" Thin Frame Panel PC with Vortex87-6047/ USB Touch Panel	• **Vortex86-6047, 3.5"-size Vortex86™ CPU Module** • **External Power adapter (PS-047A-3Y)** • **FDD cable x 1** • **HDD cable x 1** • **Printer cable x 1** • **RS232 cable x 3** • **USB cable x1** • **Audio cable x2** • **Y-cable for Keyboard and Mouse x 1** • **CD-ROM with user's manual and Drivers**

0.2 Specification

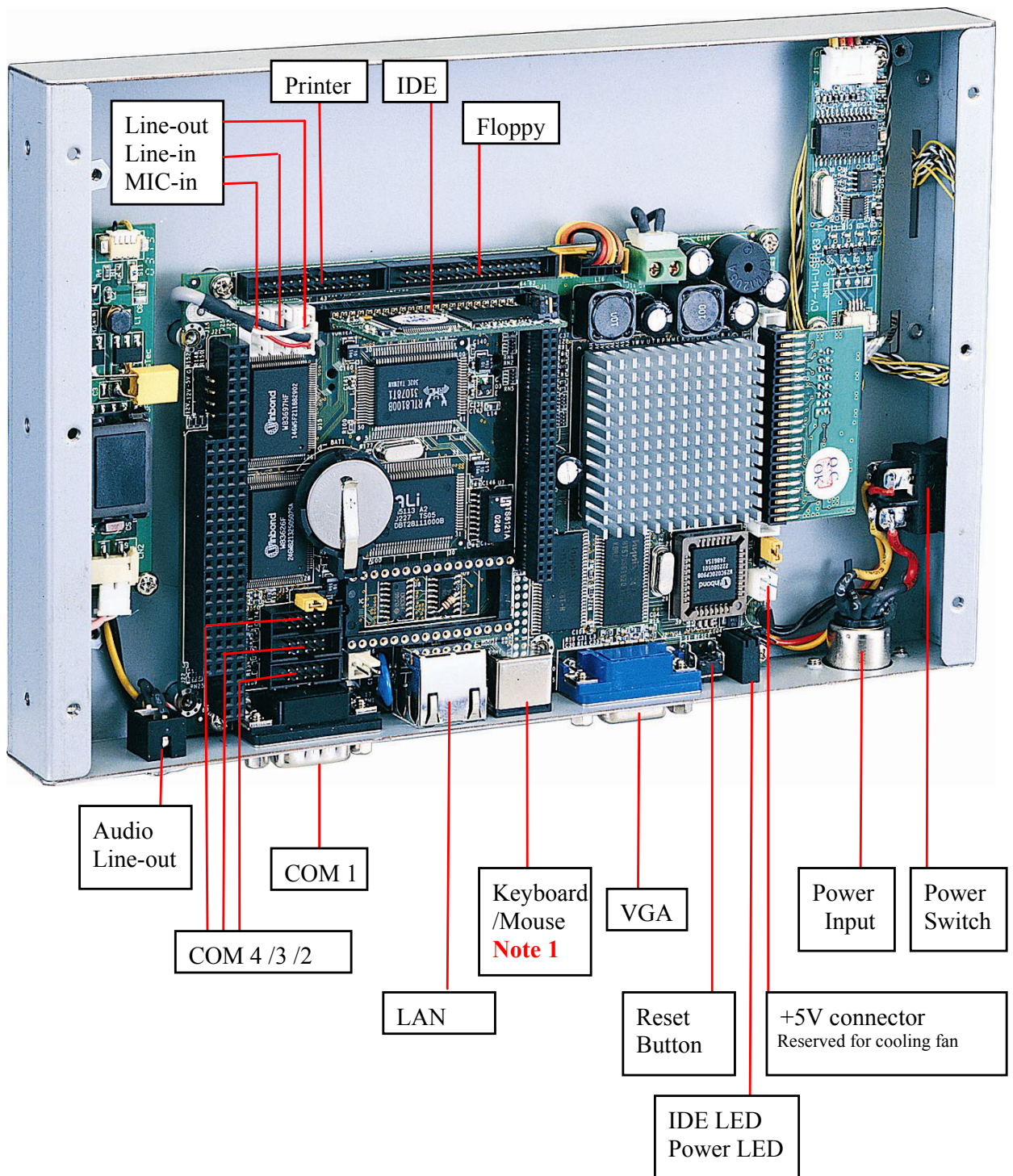| Features	Vox-104-TS
Processor Chipset	DM&P(SiS)*Vortex86™* System-on-Chip CPU–166MHz Real Time Clock with Lithium Battery Backup
Bus Interface	ISA and PC/104 Standard Compliant
Memory	Onboard 128MB SDRAM
BIOS	AMI BIOS
Watchdog Timer	🔴 Software Watchdog Timer Three 8254 Compatible Programmable 16-bit Counters.
Display	🔴 AU-B084SN01-2, 8.4" SVGA color TFT LCD 🔴 Resolution: 800 x 600 🔴 Color: 262,144 Max. 🔴 Backlight: 150 cd/m sq. 🔴 View Angle: 30/10/40/40 deg. 🔴 Contrast Ratio : 250 : 1
Touch Screen	🔴 Resistance type 🔴 Controller: 4-wire USB type controller
Audio	🔴 Chipset: Realtek ALC202 🔴 Compliance: AC97 CODEC 🔴 Support: Line-in/Line-out/Mic-out
Multi I/O	🔴 Enhanced IDE interface 🔴 RS232 port x3 🔴 RS232/485 port x1 🔴 Parallel port x1 🔴 FDD interface x1 🔴 USB port x1 🔴 Line-in port x1 🔴 Line-out port x1 🔴 Mic-in port x1
LAN	🔴 Realtek 8100B single chip Full-duplex transfer mode, doubles effective bandwidth 16KB RAM buffer Throughput 10/100Mbps

Connectors	● 2.0mm 44-pin box header for IDE ● 2.0mm 10-pin box header for RS-232 x3 ● 2.0mm 10-pin box header for USB ● 2 pin header for RS-485 x 1 ● 2.0mm 26-pin box header for Printer ● 2.0mm 34-pin box header for FDD ● 2.0mm 4-pin header for Line-in ● 2.0mm 4-pin header for Line-out ● 2.0mm 4-pin header for Mic-in ● Socket for DiskOnChip x 1 ● D-Type 9-pin female connector for RS-232 x 1 ● RJ-45 LAN connector x 1 ● Mini-DIN connector for Keyboard and Mouse x 1
Weight	1.16kg (without power adapter)
Dimension	263mm X 182mm X 35mm
Operating Temperature	0°C ~ +60°C

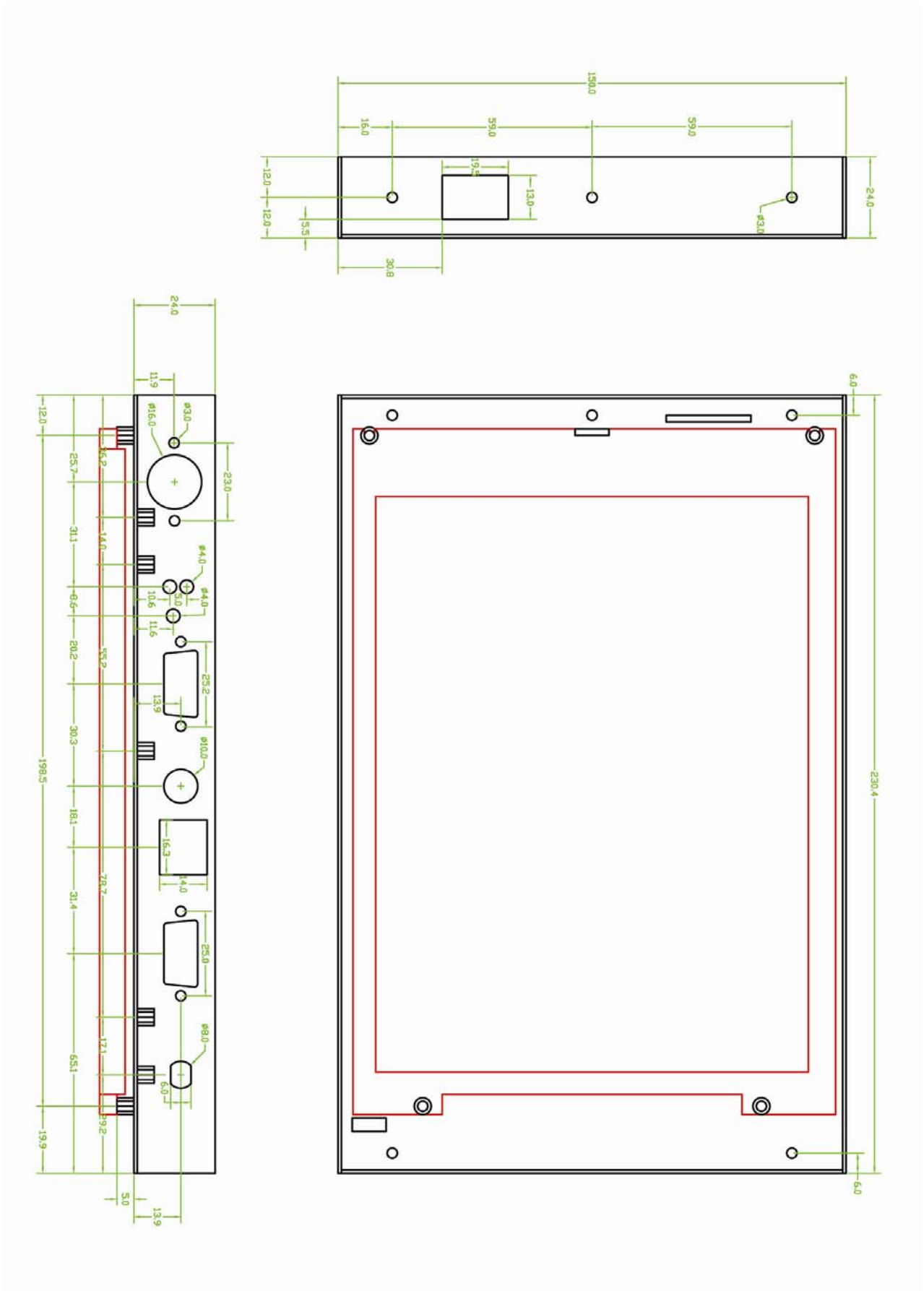For more detail information of CPU board and other accessories, please feel free to send e-mails to **info@icop.com.tw**

C h a p t e r   1

Installation

1.1   Outline

Printer | IDE | Floppy
Line-out / Line-in / MIC-in
Audio Line-out
COM 1
COM 4 /3 /2
LAN
Keyboard /Mouse **Note 1**
VGA
Reset Button
IDE LED / Power LED
Power Input
Power Switch
+5V connector Reserved for cooling fan

Note 1: Please link the Y-cable between VOX-084 and Keyboard (or Mouse); otherwise the Keyboard (or Mouse) will not work.

1.2Dimension

Warranty

This product is warranted to be in good working order for a period of one year from the date of purchase. Should this product fail to be in good working order at any time during this period, we will, at our option, replace or repair it at no additional charge except as set forth in the following terms. This warranty does not apply to products damaged by misuse, modifications, accident or disaster. Vendor assumes no liability for any damages, lost profits, lost savings or any other incidental or consequential damage resulting from the use, misuse of, originality to use this product. Vendor will not be liable for any claim made by any other related party. Return authorization must be obtained from the vendor before returned merchandise will be accepted. Authorization can be obtained by calling or faxing the vendor and requesting a Return Merchandise Authorization (RMA) number. Returned goods should always be accompanied by a clear problem description.