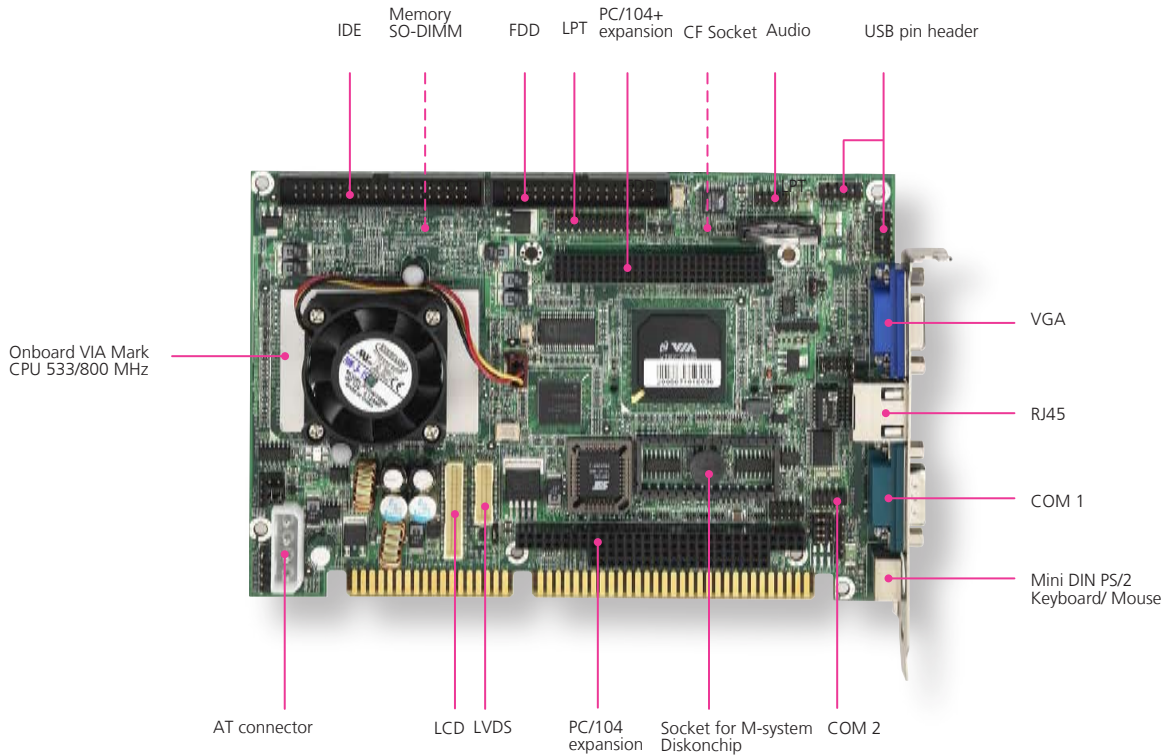


# IAC-H672

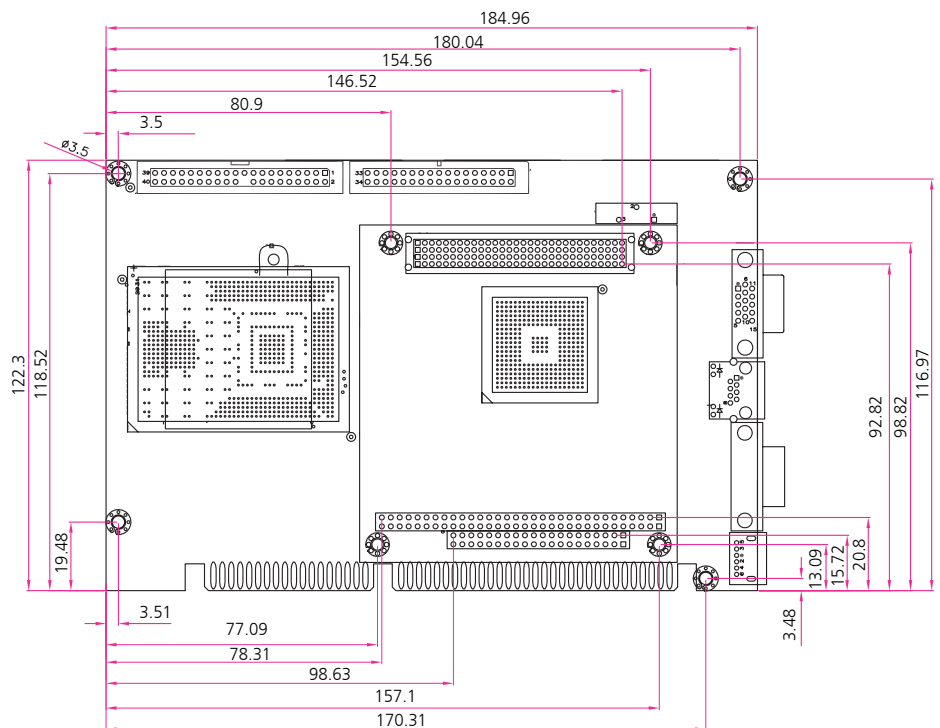
Half-size ISA VIA Mark CoreFusion SBC with VGA/ LVDS/ LAN/ Audio/ CF/ PC104/ PC104+/ USB

- CPU
- VGA
- LAN
- USB
- DOC
- COM
- AUDIO
- CF
- PC/104
- PC/104+



## FEATURES

- Onboard VIA Mark 533MHz/ 800MHz processor
- One SO-DIMM up to 512MB SDRAM
- VGA, TFT, 2-CH LVDS
- Realtek RTL8100B supports 10/100Mbps LAN
- PC/104, PC/104+, Type III CF, DOC
- 2 COM, LPT, 4 USB 2.0, DIO, IrDA, LAN



**FEATURE DESCRIPTION**

|                                 |                                  |   |
|---------------------------------|----------------------------------|---|
| <b>Platform</b>                 | Form Factor                      | Half-size, ISA  |
|                                 | Processor                        | VIA Mark processor, 533MHz or 800MHz  |
|                                 | Chipset                          | VIA Mark + VT82C686B  |
|                                 | BIOS                             | Award 256K BIOS   |
|                                 | Cache Memory                     | Processor Built-in  |
| <b>System Memory</b>            | Technology                       | SDRAM   |
|                                 | Max Capacity                     | 512MB   |
|                                 | Socket                           | SO-DIMM x1  |
| <b>Storage Interface</b>        | Hard Drive Interface             | IDE x1  |
|                                 | SSD (CF Socket)                  | CompactFlash I/II x1  |
|                                 | DOC                              | DOC socket x1, supports M-system DickonChip 2000 Flash memory   |
| <b>Networking</b>               | Speed                            | 10/100 Mbps   |
|                                 | I/O                              | RJ45 x1   |
|                                 | Controller                       | Realtek RTL8100B, Supports PXE  |
| <b>Display</b>                  | Controller                       | VIA Mark integrated S3 ProSavage 4, AGP 4X Graphics support 36 bit TFT & 2 channels (2x18-bit) LVDS LCD |
|                                 | Shared memory                    | 8/ 16/ 32MB   |
|                                 | Output                           | VGA DB15  |
| <b>Audio</b>                    | Codec                            | VIA V1612A with AC'97 2.0 audio codec   |
|                                 | I/O                              | 5x2 2.0mm Pin Header for Mic-in, Line-in, Speaker-out   |
| <b>I/O Interface</b>            | Floppy Drive Interface           | FDD Box Header 2.54mm x 1   |
|                                 | Serial Port                      | RS-232 x1, RS-232/422/485 x1  |
|                                 | Parallel Port                    | LPT Pin Header 2.0mm x 1  |
|                                 | Universal Serial Bus             | 4 (v 2.0)   |
|                                 | Digital I/O                      | 8-bit Digital I/O with pin-header (4 in/4 out)  |
|                                 | Bus interface                    | ISA   |
|                                 | IR Interface                     | 115k bps, IrDA 1.0 compliant with pin-header connector  |
|                                 | Keyboard                         | Mini-DIN PS/2   |
|                                 | Mouse                            | Mini-DIN PS/2   |
|                                 | <b>Hardware Monitoring</b>       | Controller  |
| RTC                             |                                  | VIA VT82C686B Super I/O with Li-battery   |
| Watchdog timer                  |                                  | 256-level time-out intervals  |
| <b>Cooling</b>                  | Heatsink / Fan                   |   |
| <b>Expansion</b>                | PC/104 x1<br>PC/104+ x1          |   |
| <b>Environmental Parameters</b> | Temperature, ambient operating   | 0~60°C (32~140°F)   |
|                                 | Humidity (RH), ambient operating | 5~95% relative humidity, non-condensing   |
|                                 | Storage Temperature              | -20~70°C (-4~158°F)   |
| <b>Physical Dimensions</b>      | Dimensions                       | 185 x 122 mm (7.28" x 4.8")   |
|                                 | Input                            | +5V, +12V   |
| <b>Power</b>                    | Form Factor                      | AT/ATX supports, 4pin +5V power Connector   |
|                                 | <b>Compliance</b>                | CE, FCC, RoHS   |

**ORDERING INFORMATION**

|                  |   |
|------------------|---|
| <b>IAC-H672A</b> | VIA Mark 533MHz With VGA/LVDS/LAN/SSD/Fanless |
| <b>IAC-H672B</b> | VIA Mark 800MHz With VGA/LVDS/LAN/SSD/FAN     |

**OPTIONAL ACCESSORIES IAC-H672**

| ITEM         | DESCRIPTION                                |
|--------------|--|
| <b>Cable</b> | USB Y Cable                                |
| <b>Cable</b> | Print Cable 2x13 2.0mm to p-sub 25 L:100mm |
| <b>Cable</b> | Audio Cable L:300mm                        |

**About Lanner**

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline security, storage and applied computing platforms and solutions. With headquarters in Taipei, Taiwan and branches in the U.S., India, and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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