

SBC

PCI-531LF

PCI Intel® Core Duo / Solo / Core 2 Duo / Duo LV CPU Card w / VGA / Audio / 2LAN

Features :

- Supports Intel® Core Duo / Solo / Core 2 Duo / Duo LV onBoard Processor
- Equipped with Intel® 945GME chipset
- Support two Gigabit LAN ports with Wake-on-LAN
- Support two SATA ports
- Expansion slots for 1 compact flash



PROTECH SYSTEMS

It's the right choice

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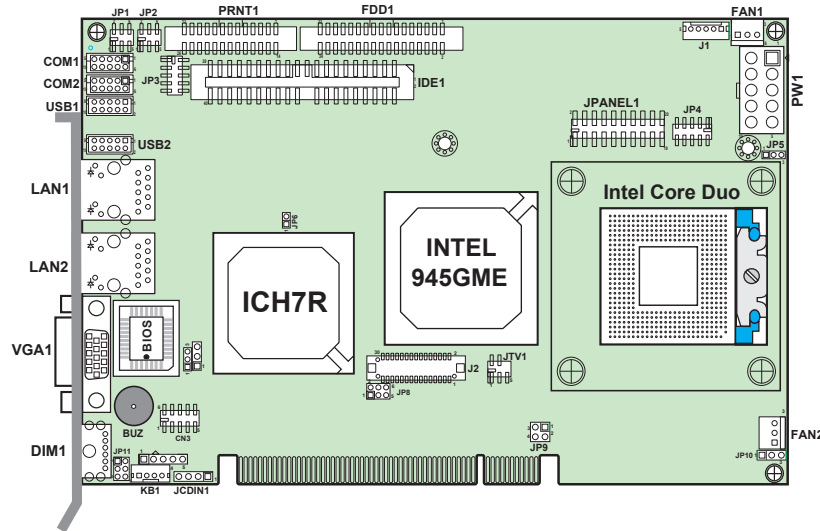
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ISO CERTIFIED
9001 14001

PCI-531LF

PCI Intel® Core Duo / Solo / Core 2 Duo / Duo LV
CPU Card w / VGA / Audio / 2LAN



Specifications

System

CPU Type	Intel® Core Duo / Solo / Core 2 Duo / Duo LV Sock478-pin socket on board
Chipset	Intel® 945GME + ICH7R + FWH (FSB : 667MHz)
DRAM	200Pin DDRII. SO-DIMM x 1
BIOS	PhoenixAward PnP BIOS Memory size 4 Mbytes, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	10-pin ATX connector on board, Support AT/ATX Power
Dimension	185mm x 122mm (7.28" x 4.8")

I/O Chipset

IDE Interface	One IDE connector with 40-pin Boxheader (UDMA 100)
SATA Port	Two ports SATA support RAID 0,1,5,10 Build in South Bridge
FDD Interface	One FDD connector with 34-pin Boxheader on board
Function BUS	CF x 1 (2nd IDE)
Serial Port	2 port, 16550 UARTs RS-232, COM1 for RS-232, COM2 for RS-232/422/485
IrDA	One IrDA Port (Support v1.0 SIR protocol)
Keyboard	PS/2 Connector, with mini DIN connector or external connector, Support Y-Cable
Mouse	PS/2 Connector, with mini DIN connecto

USB	4port, support USB 2.0
LAN	Dual Ports, Marvell 88E8052 x 2 Lan 1 / Lan 2 : Marvell 88E8052, 10/100/1000BaseT Ethernet, 2 ports with Bracket output Supports Wake-on-LAN(For ATX power)
Audio	AC '97 Codec, Realtek ALC655 With Line-in / Line-out / MIC

Display

Graphic	Build-in 945GME, Support CRT, LVDS, TV
LCD Interface	18-bit LVDS

Environment

OperationTemp.	0°~60°C (32°~140°F)
Storage Temp.	-40°~85°C (-40°~185°F)
Humidity	Operation humidity 20~90%, Storage humidity 20~90%

Ordering Information

PCI-531LF	Half size card with Intel Core Duo CPU / VGA / AUDIO / LAN x 2 (1GMbps)
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Certificate: CE, FCC CLASS A