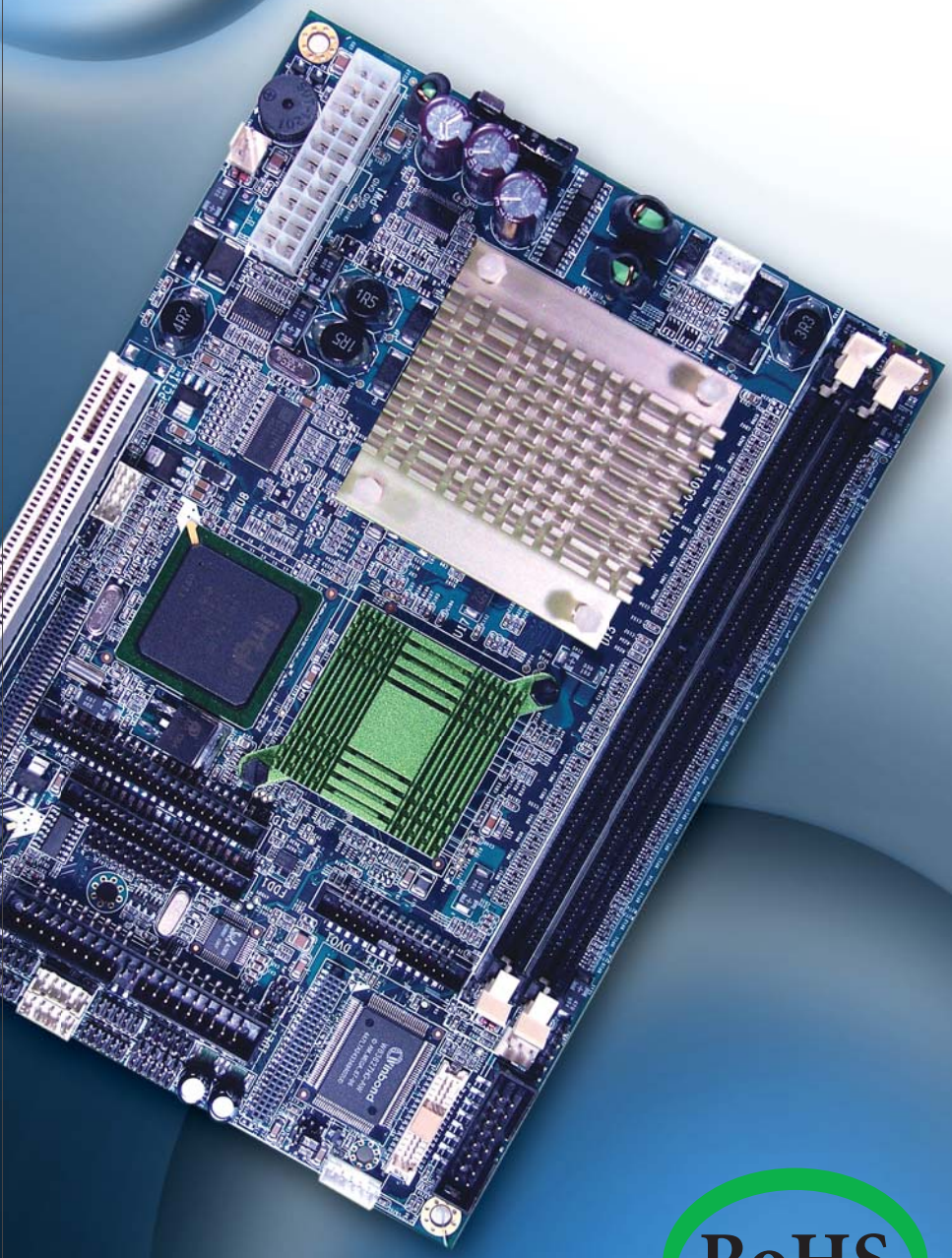
SBC

LB-471LF
5.25" ULV Celeron® M Embedded Board w / VGA / Audio / LAN



LB-471LF is a 5.25" disksize embedded board, supports Intel® ULV Celeron® M 600MHz processor without L2 cache and provides system memory up to 2GB DDR266 DRAM. Integrated Intel® 852GM chipset provides multiple display functions, including analog display, dual independent displays and Digital Video Out display. Dual independent display can view two independent video sources when external monitor or panel is connected to the board. The latest AC '97 audio technology is also employed on the LB-471 delivering 20-bit audio for enhanced sound quality and full surround sound capability. Other standard features of LB-471LF include 2 IDE interfaces, 1 FDD, 4 COM ports (COM2 is selectable for RS232/422/485), 1 parallel port, keyboard/mouse connector, 1 LAN supporting 10/100Mbps Ethernet, 4 USB2.0 ports, 1 PCI bus and 1 Compact Flash socket.

RoHS Compliant

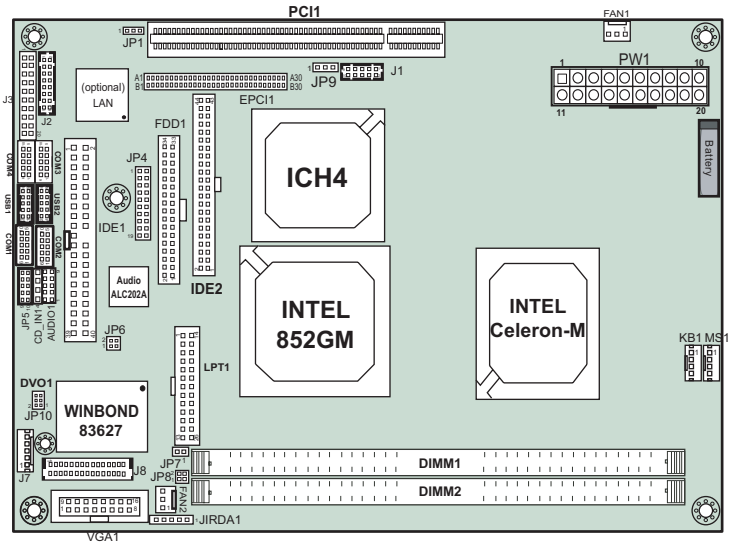
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intel Communications Alliance Affiliate

ISO CERTIFIED 9001 14001

LB-471LF

5.25" ULV Celeron® M Embedded Board w / VGA / Audio / LAN



Specifications

System

CPU Type	Intel® Celeron® M processor
CPU Frequency	ULV 600MHz / ULV 1GHz (non L2 cache)
Chipset	Intel® 852GM + ICH4 (FSB : 400MHz)
DRAM	2 x 184-pin DDR DIMM, Support DDR266 SDRAM up to 2GB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	Support AT / ATX power
Power Requirement	+5V, +12V, -12V
Power Consumption	+5V : 3.34A, +12V : 0.56A / -12V : 0.03A (Celeron® M ULV 600MHz)
Dimension	203mm x 146mm (7.99" x 5.75")

I/O Chipset

IDE Interface	1 x 40-pin IDE (UDMA 33/66/100) 1 x 44-pin IDE (UDMA 33/66/100)
CF	1 x compact flash slot (IDE)
FDD Interface	1
Bus Interface	PCI slot, EPCI BUS
Serial Port	4 x COM ports, COM1/3/4 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
Parallel Port	1 x parallel (SPP / EPP / ECP)
IrDA	1(SIR)
Keyboard	4-pin header with mini DIN cable
Mouse	4-pin header with mini DIN cable
LAN	Intel® 82562ET (10/100Mbps) Support Wake-on-LAN wtih ATX power
Audio	AC '97 Codec, Realtek ALC202A with Line-in / Line-out / MIC
USB	4 x USB 2.0

Display

Graphic	Built-in Intel® 852GM, share system memory, Support CRT, LVDS
LCD Interface	18/36-bit LVDS

Environment

OperationTemp.	0°~60°C(32°~140°F)
Storage Tmp.	-40°~85°C(-40°~185°F)
Humidity	Operation humidity 20~90%, storage humidity 20~95%

Ordering Information

LB-471LF-C600	5.25" SBC w Celeron M ULV 600MHz CPU / VGA / Audio / LAN (10/100Mbps)
LB-471LF-C1000	5.25" SBC w Celeron M ULV 1GHz CPU / VGA / Audio / LAN (10/100Mbps)
Certificate: CE, FCC, CLASS A	

CPU Type	Business Winstone 2001	3D Mark 2001 build 330	Content Creation Winstone 2001	Power Consumption +5V/+12V
Celeron® M 600MHZ	24.9	1125	42	3.34A/0.56A

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