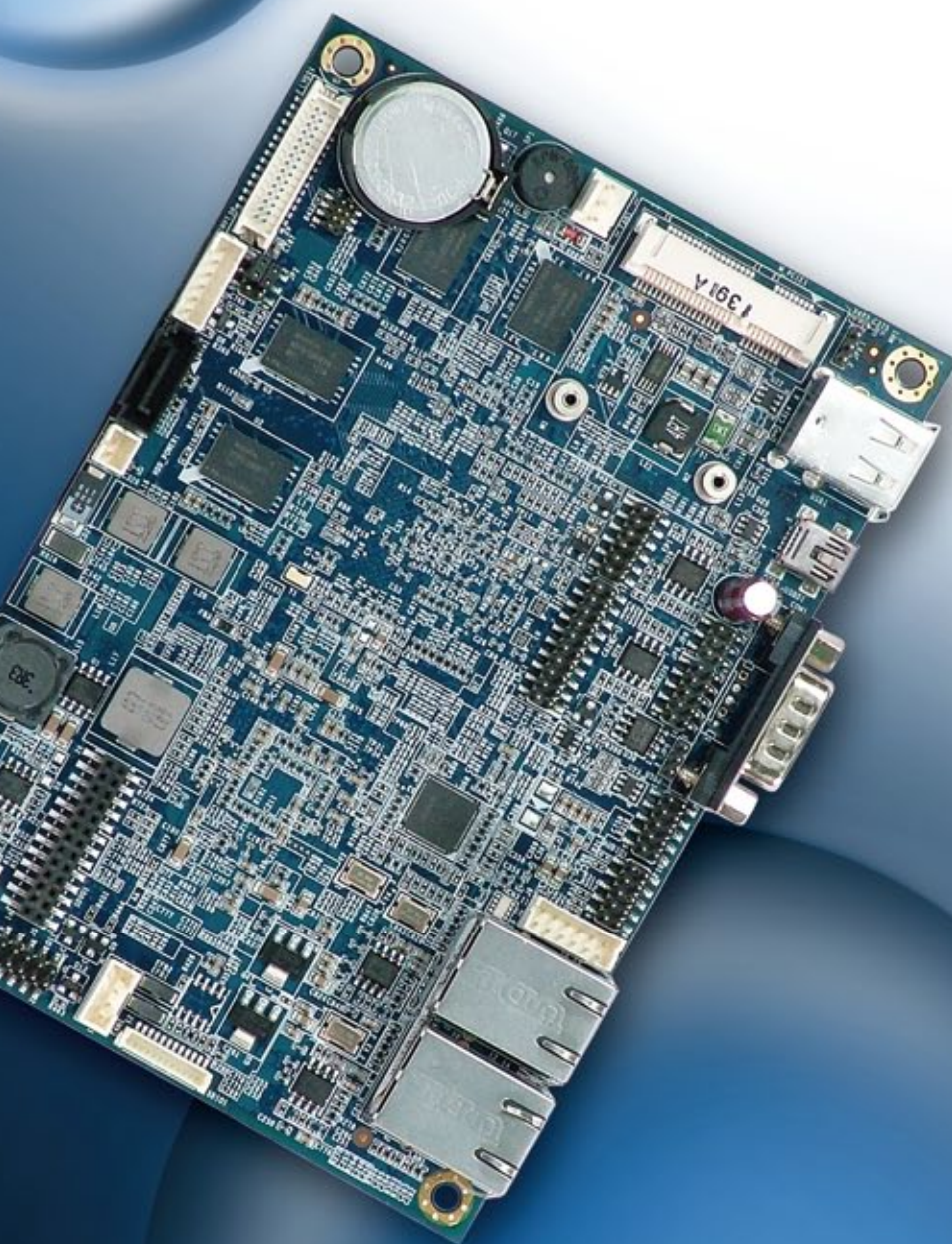


SBC



EB-591LF

Intel® Queensbay
Embedded Board
w/LVDS / Sound / 2LAN

Features and Benefits:

- Supports Intel® Tunnel Creek processor
- Memory on board support DDR2 SDRAM up to 1GB
- Support Dual Gb Ethernet
- Supports 1 x SATA, 6 x USB 2.0 Port and 4 x Serial port
- Support Wide temp



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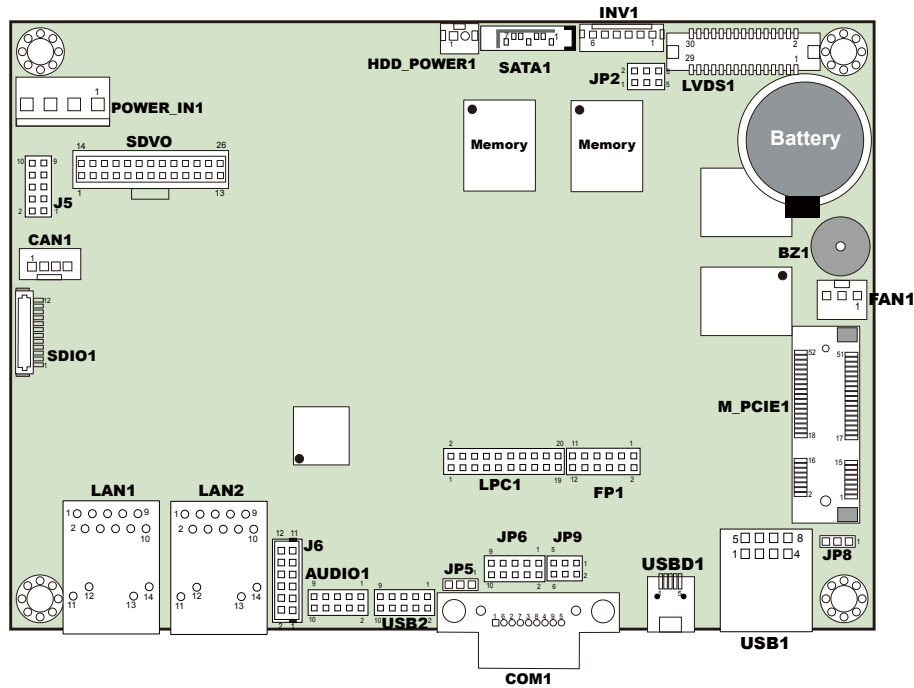


ISO CERTIFIED

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EB-591LF

Intel® Queensbay Embedded Board w/LVDS / Sound / 2LAN



Specifications

System	
CPU Support	Intel® Queensbay processor
CPU Frequency	1.6GHz/1.0GHz/600MHz
Chipset	Intel® IOH - TopCliff
DRAM	DDR2 on board, support 667/800MHz up to 1GB
BIOS	AMI uEFI, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable
Power Supply	Support ATX/AT Power
Power Requirement	+12V
Power Consumption	+12V : 1A
Dimension	102 mm x 145 mm (4.02" x 5.71")
Certificate	FCC / CE

I/O Chipset

SATA Interface	1 x S-ATA II connector
SSD	SD Card
Expansion BUS	1 x mini-PCIe, CAN Bus
Serial Port	4 x COM port, COM 2/3/4 for RS-232, COM 1 for RS-232/422/485
Parallel Port	1 x Parallel Port (SPP / EPP / ECP)
LAN	LAN 1/2: Intel® 82574L (10/100/1000 Mbps) for Wide Temp: Intel® 82574IT (10/100/1000 Mbps) Support Wake-on-LAN with ATX power
Audio	High Definition Audio; Realtek ALC888S with Mic / Line-In / Line-Out

D/I/O	4-in / 4-out
USB	6 x USB 2.0

Display

Graphic	Build-in Intel® Queensbay; Supports LVDS (18bit & 24bit), SDVO
LCD Interface	24 bit LVDS

Environment

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

Ordering Information

EB-591LF-WT	3.5" Embedded Board w/600MHz / 1GB / LVDS / 4COM /LAN (GbE) /WT
EB-591LF-EG	3.5" Embedded Board w/1.0GHz / 1GB / LVDS / Audio /4COM /2LAN (GbE)

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