SYS7F810VEA

ULV® Celeron M Mini Board with VGA/Sound/LAN

FEATURES

- Low power CPU for fanless solution
- SBC only +5V
- Support AT power

SPECIFICATIONS

>> Systems

CPU Type	Intel® Celeron® M processor
CPU Frequency	ULV 600MHz (non L2 cache)
Chipset	Intel® 852GM + ICH4
DRAM	1x200-pin DDR SO-DIMM, support DDR266 SDRAM up to 1GB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w/Reset/NMI
Power Supply	Support AT power
Power Requirement	+5V, +12V (Only +5V) (Only +5V: +5V only provide power for SBC, don't have enough power to support expansion card.)
Dimension	102mm x 145mm (4.02" x 5.71")

>> I/O Ports

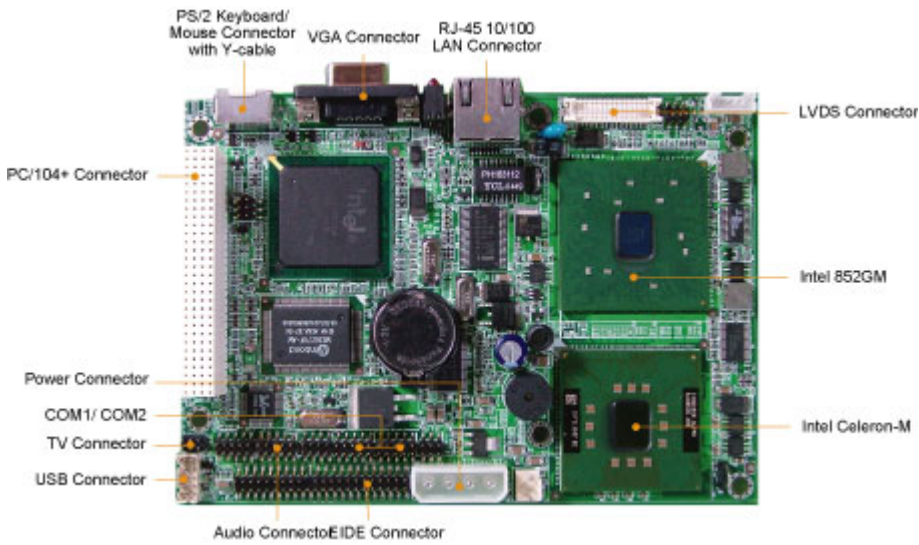|	
IDE Interface	1 x 44-pin IDE (UDMA 33/66/100)
Bus Interface	PC/104+
Serial Port	2 x COM ports, COM1 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
Keyboard	Mini DIN connector or external connector
Mouse	Y-cable
LAN	Intel 82562EM (10/100 Mbps)
Audio	AC '97 Codec, Realtek ALC202A with Line-in/Line-out/MIC
USB	2 x USB 2.0

>> Display

Graphics	Built-in Intel 852GM, share system memory, Support CRT, LVDS, TV-out
LCD Interface	18/36-bit LVDS

>> Environment

Operation Temperature	0°~60°C(32°~140°F)
Storage Temperature	-40°~85°C(-40°~185°F)
Humidity	Operation Humidity 20~90%, Storage Humidity 20~95%

HIGHLIGHTS

ACCESSORY

Daughter Board	Discription
SYSA-9010	PC/104+, LAN card 10/100Mbps x 2 ports
SYSA-9011	PC/104+, LAN card 10/100Mbps x 1 port
SYSA-9015	PC/104+, LAN card 10/100/1000Mbps x 2 ports
SYSA-9016	PC/104+, LAN card10/100/1000Mbps x 1 port
SYSA-5310	PC/104+, SATA card 4 ports
SYSA-9130R	18-bit LVDS to 18-bit TTL (41-pin hirose)
SYSA-9155R	24-bit LVDS to 24-bit TTL (41-pin hirose)
Part Nummber	**Cable**
SYSAUSB-300	USB cable
SYSAKB-MOUSE-1	Y-cable

ORDERING INFORMATION

Order Number	Description
SYS7F810VEA	3.5" SBC with Intel Celeron M ULV 600MHz CPU / VGA / LAN