



EasyBoard-872E

Wide-Range Temperature Intel® 2nd Gen. Celeron® 827E 3.5" Compact Board



Features

- Soldered Onboard Intel® 2nd Gen. Celeron® 827E Processor
- Dual Gigabit Ethernet Ports
- Dual-Channel 24-bit LVDS, and DVI-I
- Support Dual Independent Displays
- Support RS-485 Auto-flow Control
- Integrate SIM Socket to Support Mobile Telecommunication
- **Wide Range Operating Temp.: -40 ~ 85°C**

System

CPU	Soldered onboard Intel® Celeron® 827E 1.4GHz processor
Memory	1 x DDR3 SO-DIMM socket, supporting SDRAM up to 4GB
Chipset	Intel® PCH HM65
BIOS	AMI UEFI BIOS
Watchdog Timer	1~255 levels reset

I/O

Super IO Chipset	Fintek F71869ED
Serial Port	2 x COM ports: COM1: RS-232, COM2: RS-232/422/485 selectable, upgradable to 6 x COM ports via SCDB-1293
USB Port	6 x USB 2.0 ports
Digital I/O	16-bit programmable Digital Input/Output via SCDB-349R 1 x Mini-card socket
Expansion Bus	1 x SIM socket LPC interface
Storage	2 x Serial ATA ports with 600MB/s HDD transfer rate 1 x CFAST socket
Ethernet Chipset	2 x Intel® 82583V PCIe GbE controllers
Audio Interface	Realtek ALC662 HD Audio Codec, MIC-in/ Line-out/ Line-in

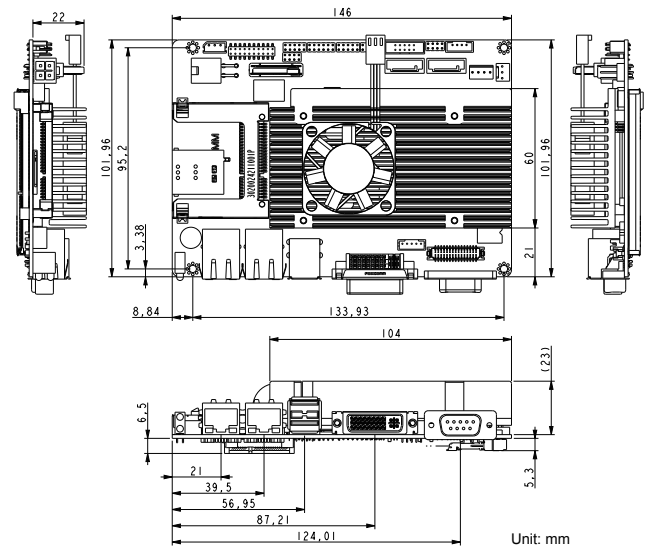
Display

Graphics Chipset	Integrated Intel® HD Graphics 3000 DVI-I: support Analog RGB up to 2048 x 1536 @60Hz and TMDS up to 1920 x 1200
Graphics Interface	LCD: Dual-Channels 24-bit LVDS Support Dual Independent Displays

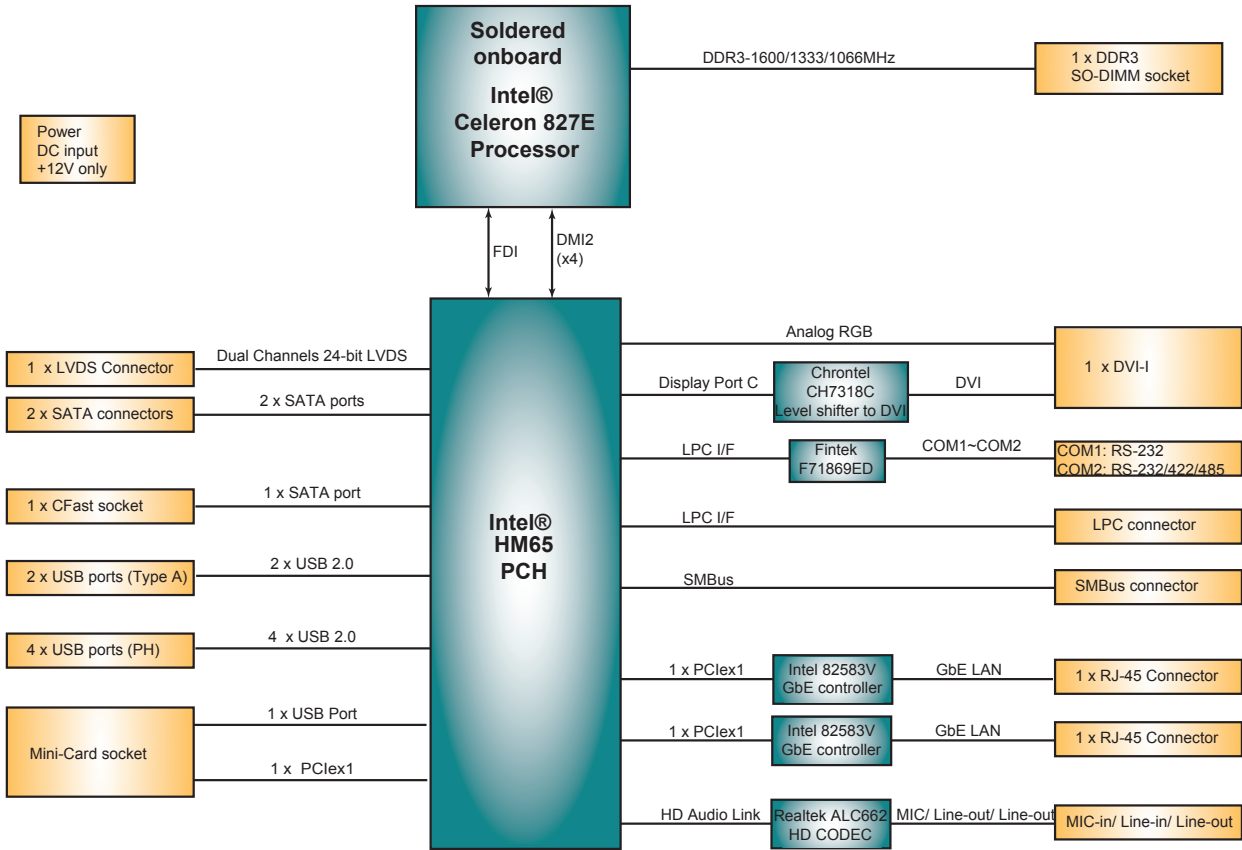
Mechanical & Environmental

Power Requirement	+12V DC
Power Consumption	3.39A@+12V (Typical)
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 85°C (non-condensing)
Dimension (L x W)	146 x 102 mm (5.7" x 4.0")

Dimensions



Block Diagram



Ordering Information

EasyBoard-872E 3.5" Intel Celeron® 827E WT Compact Board

Optional Accessories

FCDB-1293 4 x COM ports, 8-bit digital I/O daughterboard See page 70

FCDB-349R 16-bit Digital I/O board See page 70

CBK-06-65M3-00 Cable kit

- 2 x SATA cables
- 1 x AUDIO cable
- 1 x COM port cable
- 2 x USB cables

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Computer Cables](#) category:

Click to view products by [Arbor Technology](#) manufacturer:

Other Similar products are found below :

[68809-0004](#) [8F36-AAA105-1.00](#) [IB63](#) [CB-716EB-RS](#) [CB-716P8P9-RS](#) [CBK-11-290K-00](#) [ACL-10550](#) [ACL-10568-2](#) [ACL-10568-5](#)
[427522400-3](#) [32102-021500-200-RS](#) [426091300-3](#) [48000023](#) [10114976-P015002LF](#) [10111838-S444ALF](#) [88761-6101](#) [NT631C-CN321-EU](#)
[ACL-10568NF-1](#) [MIKROE-2092](#) [PCL-101100R-2E](#) [1700009405](#) [PS/2 Cable](#) [NT31C-CN323-EU](#) [FWAX-PK1-51](#) [PCL-10168H-1E](#) [68801-1905](#) [111068-1015](#) [100436-1107](#) [68801-0630](#) [68801-3612](#) [68801-3618](#) [205058-1002](#) [PS2NK](#) [SATA cable](#) [96021-0000-00-0](#) [FAK-SMZSMZ 5M](#) [FAK-SMZSMZ-3M](#) [ACC-500-200-R](#) [iW-C40-PCIe08-C1](#) [1700001531](#) [96048-0000-00-0](#) [SATA III cable 30cm, down/straight](#)
[cab-Pico-ITX-LVDS](#) [PCL-101100SB-2E](#) [AXXSTCBLQAT](#) [NT31C-KBA05](#) [PCL-101100M-2E](#) [A2U4PSWCXCXK1](#) [2 port SATA to 5 pin,L=200mm](#) [P782-006-DH](#)