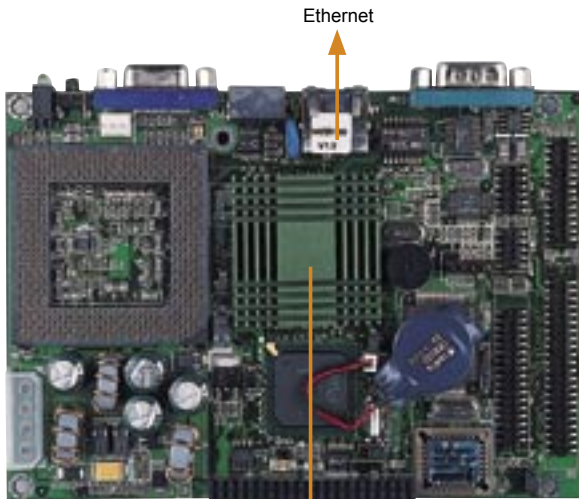# WAFER-7850

3.5" Disk Size Socket-370 Based Embedded Board With VGA, 10/100Mbps Ethernet & Audio

Ethernet

Intel 815E Chipset

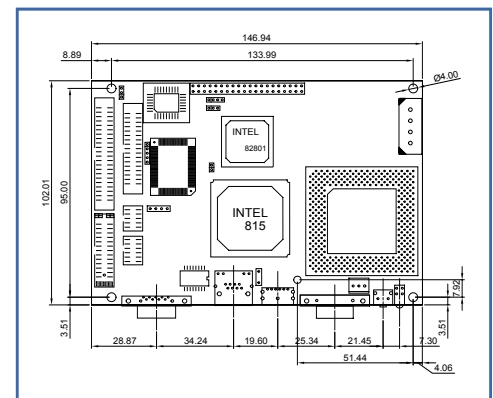Compact Flash type II socket

133MHz FSB

CF-506 PGA Type
Socket 370 Cooler

AUTO DIRECTION 485

Microsoft **Windows Powered**

SPECIFICATIONS

◆ CPU: Supports Socket-370 based CPU (Celeron / Pentium® III) up to 133MHz FSB
◆ System Chipset: Intel® 815E Chipset
◆ System Memory: One 144-pin SO-DIMM socket up to 256MB SDRAM
◆ Display :
  – Built-in Intel 815E chipset with share memory architecture
  – Max. Resolution : 1600 x 1200 (8-bit colors)
  – Connectors: DB-15 standard VGA connector
◆ Ethernet: Built-in system chipset with RJ-45 connector
◆ SSD: One Compact Flash™ Type II (Support IBM Microdrivecompact size HDD) rear side
◆ Audio: Built-in system chipset with AC'97 codec
◆ I/O:
  – 2 x RS-232 ports
  – 1 x parallel port (support SPP/EPP/ECP mode)
  – 1 x USB 1.1 (pin-header)
  – 1 x IrDA
  – 1 x FDD port
  – 1 x ATA-66/100 IDE channel (44-pin header)
◆ WDT: Software programmable, support 1~255 sec. system reset
◆ Operating Temperature : 0~60ºC (CPU cooler required)
◆ Relative Humidity : 5~95%, non-condensing
◆ GW: 700g

Dimensions

ORDERING INFORMATION

● **WAFER-7850**
  3.5" disk size Socket-370 based embedded board includes CF-506 PGA Type Socket-370Cooler
● **WAFER-7851**
  Daughter board with cable set
● **EBC-1000/ACE-890A**
  Industrial 3.5" Embedded Chassis with 90W AT Power supply Without I/O Bracket
● **BK-7850**
  WAFER-7850 I/O Bracket with cable set

WAFER-7851 Daughter Board

The WAFER-7851 is implement to be mounted on the WAFER-7850 directly and to provide extra I/O functions.

◆ To convert WAFER-7850's COM2 to RS-422/485 interface.
◆ The RS-485 function is auto-direction design.
◆ Provide 4 Digital In and 4 Digital Out by address 810H
◆ TV output supports NTSC and PAL signal.