Wafer-C800EV
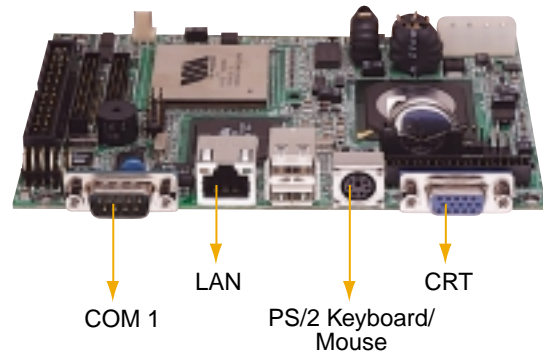# Wafer-E667EV
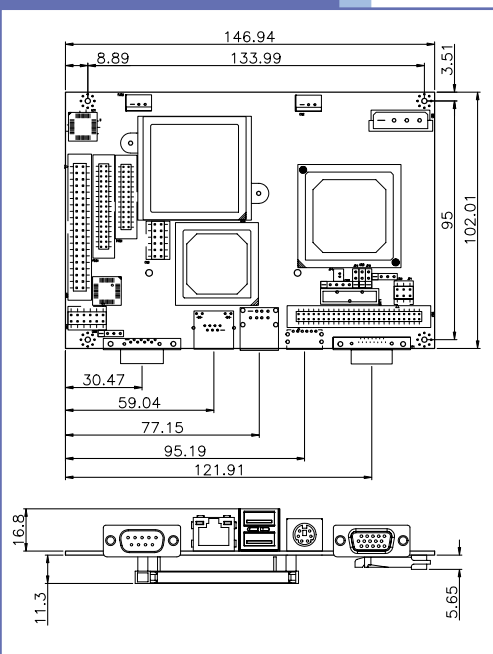
3.5" VIA CPU Embedded Board
with LCD/CRT VGA, LAN, and Audio

Fan-less Low Power

Long Run Solution

COM 1   LAN   PS/2 Keyboard/Mouse   CRT

■ SPECIFICATIONS

- **CPU:** Embedded VIA C3 CPU 800MHz (Wafer-C800EV) or Eden CPU 667Mhz (EBGA package) (Wafer-E667EV)
- **BIOS:** AMI PnP BIOS
- **System Chipset:** VIA VT8606 + VT8231
- **System Memory:** One 144-pin SO-DIMM socket up to 512 MB SDRAM
- **Display:** 128-bit Single Cycle 2D/3D Graphics Engine (VIA VT8606)
  AGP 4X bus bandwidth up to 1066 MB/sec
  Resolutions: up to 1920x1440
  Integrated 32-bit True Color DAC
  V-RAM: Share with system memory up to 32MB
  Connector: DB-15 for CRT
- **LCD Interface:**
  36-bit DSTN/TFT flat panel interface with 256 gray shade support
  Resolution up to 1600 x 1200
  50-pin connector
- **Ethernet:**
  1x 10/100Mbps fast Ethernet (VIA 8231 Chipset integrated + VT6103 PHY)
- **I/O:** 1x RS-232/422/485 selectable port with auto-direction function
  1x LPT by pin header (support SPP/EPP/ ECP mode)
  1x IrDA by pin header (SIR mode)
  2xUSB port (USB 1.1 Compliant)
  Two ATA-100 IDE channel support CD-ROM; ZIP and LS-120 bootable device. (one 44-pin 2.5" HDD connector, one 40-pin 3.5" HDD connector)
- **Audio:** AC'97 compliant Audio CODEC (Line-in, Line-out, Mic-in by pin header)
- **Expansion:** PCMCIA type II socket for PCMCIA daughter board (RL5C475II)
- **Power consumption:**
  Wafer-C800EV: 12V@170mA; 5V@4.08A
  Wafer-E667EV: 12V@50mA; 5V@2.6A (with 512MB SDRAM windows 2000)
- **Operation Temperature:** 0-60°C (CPU need cooler)
- **Relative humidity:** 5-95%, non-condensing
- **For Wafer-C800EV included CPU cooling fan Wafer-E667EV equipped with CPU heat sink**

Dimensions

146.94
8.89
133.99
3.51
95
102.01
30.47
59.04
77.15
95.19
121.91
16.8
11.3
5.65

■ ORDERING INFORMATION

- **WAFER-C800EV**
  3.5" VIA C3 800MHz CPU Embedded Board with LCD/CRT VGA, LAN and Audio
- **WAFER-E667EV**
  3.5" VIA Eden 667MHz CPU Embedded Board with LCD/CRT VGA, LAN and Audio

For other C3 CPU, please contact supplier