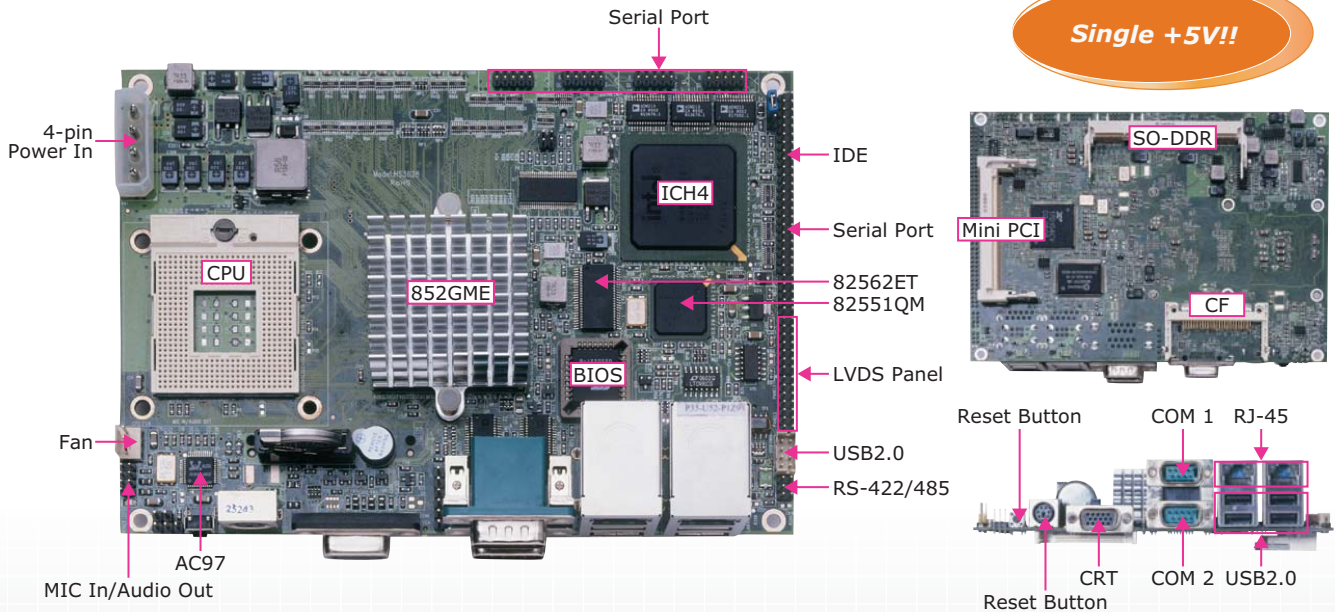


# HS-3628

Intel® Pentium® M/Celeron® M processor Embedded Engine Board with CF, CRT/LVDS, Dual LAN, Audio, 6 USB2.0

Single +5V!!



- CompactFlash
- Audio
- 6 USB2.0
- Mini PCI
- ATA/33/66/100
- WDT
- CRT/LVDS
- RS-232/422/485
- Single +5V
- Dual LAN
- 6 COM
- H/W Monitor

## FEATURES

- ▶ Intel® Pentium® M/Celeron® M processor 1.3~2.0GHz
- ▶ Supports 533/400MHz FSB
- ▶ One SO-DDR socket with a max. capacity of 1GB
- ▶ Intel® 852GME GMCH/ICH4 chipset
- ▶ Winbond W83627HF super I/O chipset
- ▶ Intel® 852GME graphics controller
- ▶ 18-bit/36-bit LVDS panel display interface
- ▶ Intel® 82551QM & 82562ET dual Ethernet controller
- ▶ AC97 3D audio controller
- ▶ Fast PCI ATA/33/66/100 IDE controller
- ▶ CF, 6 COM, 6 USB2.0
- ▶ Single +5V power in
- ▶ Hardware Monitor function

## ORDERING GUIDE

- ▶ **HS-3628**  
Intel® Pentium® M/Celeron® M processor SBC w/CF, CRT/LVDS, Dual LAN, Audio, 6C/485, 6 USB2.0

## SPECIFICATIONS

- \***CPU:**  
Intel® Pentium® M processor 760 2.0GHz  
Intel® Pentium® M processor 745 1.8GHz  
Intel® Celeron® M processor 370 1.5GHz  
Intel® Celeron® M processor 320 1.3GHz
- \***Front Side Bus:** 533/400MHz FSB
- \***Memory:** One SO-DDR socket supports up to 1GB
- \***Chipset:** Intel® 852GME GMCH/ICH4
- \***I/O Chipset:** Winbond W83627HF
- \***CompactFlash:** One, Type I/II IDE interface adapter
- \***PCI Slot:** One, Type III mini PCI slot
- \***VGA:** Intel® 852GME for CRT display with 8MB shared main memory supports up to 1600 x 1200
- \***LVDS Panel:** Supports 18-bit single channel/36-bit dual channel LVDS interface
- \***Ethernet:** Intel® 82551QM and 82562ET dual 10/100 Based LAN
- \***Audio:** AC97 3D audio controller
- \***IDE:** One 2.0-pitch 44-pin IDE connector
- \***Serial Port:** 16C550 UART-compatible RS-232/422/485 x 1 and RS-232 x 5 serial ports with 16-byte FIFO
- \***USB:** 6 USB2.0 ports, internal x 2 and external x 4
- \***Keyboard/Mouse:** PS/2 6-pin Mini DIN
- \***BIOS:** AMI PnP Flash BIOS
- \***Watchdog Timer:** Software programmable time-out intervals from 1~255 sec.
- \***CMOS:** Battery backup
- \***Power In:** Single +5V power in
- \***Temperature:** 0~+60°C (operating)
- \***Hardware Monitor:** Winbond W83627HF
- \***Dimensions:** 16.5(L) x 11.5(W) x 3.955(H) cm

Single Board Computer

4.5" Embedded Engine Board