

# SBC for Celeron / P III with VGA/LCD/Dual LAN/Audio (1/2 Unit)



## Technical Specifications

- **CPU**  
Intel Celeron / Pentium III, FCPGA/FCPGA2 up to 1.2 GHz, Socket 370
- **Memory**  
1 DIMM socket for 32 - 512 MB modules  
maximum memory 512 MB
- **Chipset**  
VIA 8606 (Twister T) Chipset, ECC support  
Front Side Bus 66, 100 and 133 MHz
- **BIOS**  
Award System BIOS in Flash ROM with VGA BIOS
- **Clock/Calendar**  
Realtime clock and calendar with battery backup
- **Bus Support**  
PCISA, internal AGP for VGA, PCI for LAN, IDE
- **VGA**  
VIA 8606 Savage4 3D AGP VGA/LCD mit 32 MB shared memory  
CRT & Panel support (TFT / DSTN)
- **LAN**  
Dual port Realtek 8100BL chip Ethernet controller  
10 Base T / 100 Base TX support, full duplex, RJ45 port
- **Audio**  
internal ALC201A Audio Controller, AC'97 Codec
- **IDE Controller**  
Supports 4 enhanced IDE drives,  
PIO Mode 4 and Ultra DMA/66,  
Secondary IDE als 44-pin, can be switched off
- **FDD Controller**  
Up to 2 drives for  
360 KB / 720 KB / 1.44 MB / 1.2 MB / 2.88 MB / LS-120, can be switched off
- **Serial Port**  
4 serial ports (RS232, 16C550 FIFO compatible)  
one port selectable as RS-232/422/485
- **Parallel Port**  
One Centronics compatible parallel port  
(SPP, ECP/EPP bidirectional), can be switched off
- **Watch-Dog Timer**  
10, 20, 30, 80 second timeout interval,  
can be switched off
- **USB Port (2x)**  
2 x 5-pin internal connector

- **IrDA Port**  
5-pin internal connector
- **Keyboard / Mouse Connector**  
6-pin external Mini-DIN connector (PS/2) for keyboard and mouse per Y-Cabel
- **System control**  
Voltage control for the values Vcore, +2.5V, +3.3V, +5V, +12V  
1 x cooler turn around  
2 x temperature sensor
- **Standards**  
PCISA, PC-104
- **Power Supply**  
+5V / 5A (max.)  
+12V / 300mA  
-12V / 100mA
- **Dimensions**  
Card half-length, 185 x 127 mm
- **Environment**  
Storage Temperatures: -20° ~ 80°C  
Operating Temperatures: 0° ~ 55°C (cooler fan required for CPU)  
Relative Humidity: 10% ~ 90%, non-condensing

