

## INDUSTRIAL 8.4" Fan less PANEL PC

**Specification**

- **Designed for industrial Panel PC mountable**
  - **Aluminum made front panel meet IP65 (Optional)**
  - **Meet VESA standard ARM mounting hold**
  - **Fanless design (optional)**
  - **Processor**
    - Supports VIA C3 376 PIN EBGA type F.S.B. 100/133 MHz
    - VIA Eden series Processor 533/800 speed .
    - Lowest Voltage / Power consumption.
    - Integrated full-speed 192KB L1/L2 cache.
    - 133MHz Front side bus.
    - Advanced multimedia instruction set for MMX, 3Dnow
  - **Chipset**
    - VIA PLE133 VT8601 and VT82C686B
  - **Memory**
    - Supports PC 133/100 SDRAM DIMM
    - 1x DIMM sockets up to 512MB
  - **Panel**
    - 8.4" TFT LCD panel PC
    - Resolution 800x600 for TFT display
    - Luminance: 220 cd/m<sup>2</sup>
    - MAX COLOR: more than 262,144 colors.
  - **Expansion**
    - 1x PISA slot expansion riser card supports for one PCI-2.1 or ISA slot
  - **VGA**
    - On VT8601 chip 2D/3D Graphic controller with SMA up to 8 MB
  - **Driver bay**
    - 1 x 2.5" HDD
    - 1 x DOC
  - **Ethernet**
    - Compliant to PCI-2.2 use Realtek RLT8139C chipset (optional for Intel 82559ER)
    - Supports 10Mb/S and 100Mb/s Fast Ethernet
    - Supports Wake On LAN function
    - Supports Full Duplex Flow Control (IEEE 802.X)
  - **Audio Controller (optional)**
    - AC97 2.0 compliant
    - Dual full-duplex direct sound
  - **I/O Specification**
    - 3x serial ports supports RS232 spec.
    - 1x serial port supports RS232/422/485 selectable
    - 4x serial ports w/ selectable Voltage RI/+5V/+12V
    - 2x parallel ports for ECP/EPP/SPP spec
    - 2x USB 1.1
    - 1X IrDA TX/RX port with pin header
    - 1x PS/2 KB
    - 1x PS/2 Mouse
  - **PCI Bus Master IDE**
    - Dual channel master mode PCI support four enhanced IDE devices
    - Support PIO mode to 4 and ATA 33/66/100 IDE
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- device
  - Support ATAPI CD-ROM, LS-120, ZIP
- **Watch Dog Timer (optional)**
    - ALTERA EPM3064ATC100-10, 1~255 seconds programmable with 4 bytes system I/O port address
  - **Power supply**
    - Dc12v input +5v/+12v/+3.3v/-12v output
  - **Power supply adapter**
    - Input voltage 100~240 VAC
    - 12v dc output 60 w
    - Frequency 50~60 Hz
  - **Environment Specification**
    - Operating temperature: 0 °C ~50 °C
    - Storage temperature: -20 °C ~60 °C
  - **Option**
    - Resistive touch panel
    - Audio Controller
    - Watch Dog Timer
    - Intel LAN
    - TV-out
  - **Dimensions**
    - W.250mm x H.180mm x D.81mm
  - **Ordering Information**
    - SH-5820-3201MF-1R-8 (Realtek LAN 800 cpu)
    - SH-5820-3201MF-1R-5 (Realtek LAN 533 cpu with fan less)
    - SH-5820-3201MF-1I-8 (Intel LAN 800 cpu)
    - SH-5820-3201MF-1I-5 (Intel LAN 533 cpu with fan less)

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