



## Features

- Onboard Intel® Celeron® J1900 4-Core 2.0GHz CPU
- One SODIMM Socket Supports Up to 8GB DDR3L 1066/1333 SDRAM
- 1 CF, 2 USB, 1 COM & 1 Mini PCIe
- Intel® I211AT Gigabit Ethernet, 2W Amplifier
- Timer-Power-On
- Fanless Operation, VESA Compliance
- Programmable Function Key
- IP-65 Compliant Front Panel



## Specifications

### Panel

<b>LCD Size</b>	17", 4:3
<b>Resolution</b>	1280 x 1024 SXGA, 16.7M
<b>Pixel Pitch</b>	0.264mm (H) x 0.264mm (V)
<b>Luminance</b>	350cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1000
<b>Viewing Angle</b>	80 (U), 80 (D), 85 (L), 85 (R)
<b>Response Time</b>	5ms
<b>Backlight</b>	4 x CCFL
<b>Touch Type</b>	5-wires Resistive
<b>Light Transmission</b>	80%
<b>Touch Interface</b>	USB (EETI)

### System

<b>Board</b>	EBM-BYT
<b>CPU</b>	Onboard Intel® Celeron® J1900 4-Core 2.0GHz CPU
<b>System Chipset</b>	Valleyview SoC Integrated
<b>I/O Chip</b>	EC (I18528E)
<b>System Memory</b>	One SODIMM Socket Supports Up to 8GB DDR3L 1066/1333 SDRAM
<b>CF</b>	One CF Socket Supports Type I/II Compact Flash Card
<b>Hard Driver Bay</b>	One 2.5" SATA HDD/SSD
<b>WiFi</b>	Optional Mini PCIe WiFi Module
<b>Watchdog Timer</b>	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring System Temperature and Voltage with Auto Throttling Control
<b>Expansion</b>	1 x Mini PCIe

### Rear Panel I/O

<b>Serial Port</b>	1 x RS-232/422/485 (Optional 2 <sup>nd</sup> RS-232)
<b>Ethernet</b>	1 x RJ-45 (Optional 2 <sup>nd</sup> LAN)
<b>HDMI</b>	1 x HDMI
<b>Audio Port</b>	Line-out
<b>USB</b>	2 x USB 2.0 (Optional Extra 2 x USB)
<b>Camera</b>	1 x USB Camera (Optional)
<b>Mouse &amp; K/B</b>	1 x PS/2 KB & MS (Co-layout with 2 <sup>nd</sup> RJ-45)
<b>Speaker</b>	2 x 2W 8Ω

### Display

<b>Chipset</b>	Valleyview SoC Integrated Graphics
<b>Resolution</b>	DP (2560 x 1600 @ 60 24bpp); HDMI 1.4a (1920 x 1200 @ 60 24bpp)
<b>Dual Display</b>	HDMI + LVDS

### Audio

<b>Audio Codec</b>	Realtek ALC892 Supports 5.1-CH Audio
<b>Audio Interface</b>	Line-out

### Ethernet

<b>LAN Chip</b>	Intel® I211AT Gigabit Ethernet (Optional Dual I211AT Gigabit Ethernet)
<b>Ethernet Interface</b>	10/100/1000 Base-Tx Gigabit Ethernet Compatible

### Mechanical & Environmental

<b>Color</b>	Front & Rear Housing with white and Gray (Plastics)
<b>Mounting</b>	Wall/Stand/VESA 100mm x 100mm
<b>System Power Requirement</b>	+12V ~ +26V Power Input
<b>Power Adapter</b>	Input: 100 ~ 250Vdc/47 ~ 63Hz Output: +12Vdc/5A (60W)
<b>Operating Temperature</b>	0 ~ 40°C (32 ~ 104°F)
<b>Storage Temperature</b>	-10 ~ 50°C (14 ~ 122°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimensions (W x D x H)</b>	391.5mm x 364.5mm x 59mm
<b>Weight</b>	5.9Kgs

## Ordering Information

### PPC-1729

17" SXGA TFT Plastic Panel PC with Intel® Celeron® J1900 4-Core 2.0GHz CPU

#### ACC-WIFI-PCIE-8R

WM5201 802.11b/g/n Mini Card w/Antenna for PPC Series

#### ACC-ARM-D1R

VESA STAND 75 x 75mm, 100 x 100mm

#### ADD-ARM-D23R

L Type Stylish Table Stand VESA 75 x 75mm, 100 x 100mm

#### ACC-CF-XX

CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)