



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

LCD Size	15", 4:3
Resolution	1024 x 768 XGA, 16.7M
Pixel Pitch	0.297mm (H) x 0.297mm (V)
Luminance	300cd/m ²
Contrast Ratio	700
Viewing Angle	70 (U), 70 (D), 75 (L), 75 (R)
Response Time	8ms
Backlight	2 x CCFL
Touch Type	5-wires Resistive
Light Transmission	80%
Touch Interface	USB (EETI)

System

Board	EBM-BYT
CPU	Onboard Intel® Celeron® J1900 4-Core 2.0GHz CPU
System Chipset	Valleyview SoC Integrated
I/O Chip	EC (IT8528E)
System Memory	One SODIMM Socket Supports Up to 8GB DDR3L 1066/1333 SDRAM (Processor E3845 & J1900 Only Support 1333MHz)
CF	One CF Socket Supports Type I/II Compact Flash Card
Hard Driver Bay	One 2.5" SATA HDD/SSD
WiFi	Optional Mini PCIe WiFi Module
Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	1 x Mini PCIe

Rear Panel I/O

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



Display

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

Audio

Audio Codec	Realtek ALC892 Supports 5.1-CH Audio
Audio Interface	Line-out

Ethernet

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

Mechanical & Environmental

Color	Front & Rear Housing with white and Gray (Plastics)
Mounting	Wall/Stand/VESA 100mm x 100mm
System Power Requirement	+12V ~ +26V Power Input
Power Adapter	Input: 100 ~ 250Vdc/47 ~ 63Hz Output: +12Vdc/5A (60W)
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-10 ~ 50°C (14 ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimensions (W x D x H)	351mm x 319mm x 54mm
Weight	4.9Kgs

Ordering Information

PPC-1529

15" XGA 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)