



## Features

- Onboard Intel® Celeron® J1900 4-Core 2.0GHz with Integrated Chipset
- Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- 1 x Intel® Gigabit Ethernet, 5.1-CH Audio
- 1 HDMI, 1 CF, 1 USB 3.0, 1 USB 2.0, 1 COM
- Optional Mini PCIe 3G with SIM Slot and WiFi Module
- Fanless System & VESA Compliance
- Wide Voltage +12V ~ +26V Input, ErP Power
- Timer-Power-On
- Front Side IP65 Dust and Water Proof

RityPOS

LPC Series

SPC Series

FPC Series

PPC Series

APC/BFC Series

UPC Series

MPC Series

OPM Series

AID Series

MTP Series

RISC

Accessory



## Specifications

### Panel

<b>LCD Size</b>	15", 4:3
<b>Resolution</b>	1024 x 768
<b>Pixel Pitch</b>	0.297mm (H) x 0.297mm (V)
<b>Luminance</b>	400cd/m <sup>2</sup>
<b>Contrast Ratio</b>	700
<b>Viewing Angle</b>	60 (U), 80 (D), 80 (L), 80 (R)
<b>Response Time</b>	8ms
<b>Backlight</b>	LED
<b>Touch Type</b>	Projected Capacitive Touch
<b>Light Transmission</b>	88%
<b>Touch Interface</b>	USB (EETI)

### System

<b>Board</b>	EBM-BYT
<b>CPU</b>	Onboard Intel® Celeron® J1900 4-Core 2.0GHz with Integrated Chipset
<b>BIOS</b>	AMI uEFI BIOS, 64/128Mbit SPI Flash ROM
<b>System Chipset</b>	SoC, Integrated in Processor
<b>I/O Chip</b>	E/C IT8528E
<b>System Memory</b>	One 204-pin SODIMM Socket Supports Up to 8GB DDR3L 1066/1333 SDRAM (Processor E3845 & J1900 Only Support 1333MHz)
<b>SSD</b>	One CompactFlash Type I/II Socket
<b>Hard Driver Bay</b>	Optional One 2.5" SATA HDD or SSD
<b>WiFi</b>	Optional Mini PCIe WiFi 802.11b/g/n
<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>	2 x Mini PCIe (1 Supports mSATA)

### Rear Panel I/O

<b>Serial Port</b>	1 x RS-232/422/485 (Selected by Dip Switch)
<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>	1 x USB 3.0; 1 x USB 2.0
<b>Speaker</b>	2 x 1W
<b>Mouse &amp; K/B</b>	1 x PS/2 KB & MS (Co-layout with 2 <sup>nd</sup> RJ-45)

### Display

<b>Chipset</b>	SoC, Integrated in Processor
<b>Resolution</b>	HDMI: Up to 1920 x 1200 @ 60Hz LVDS Through eDP: 1920 x 1200 @ 60Hz
<b>Dual Display</b>	HDMI + LVDS (Clone Mode)

### Audio

<b>Audio Codec</b>	Realtek ALC892 Supports 5.1-CH Audio
<b>Audio Interface</b>	Line-out (Audio Jack), AMP Line-in, Mic-in (in Header)

### Ethernet

<b>LAN Chip</b>	1 x 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 Bezel Silver & Rear Black
<b>Mounting</b>	Wall/Stand/VESA 75mm x 75mm/100mm x 100mm
<b>Power Input</b>	100 ~ 250 Vdc/47 ~ 63Hz
<b>Power Output</b>	+12Vdc/5A (60W)
<b>Power Type</b>	AT/ATX
<b>Operating Temperature</b>	0 ~ 40°C (32 ~ 104°F)
<b>Storage Temperature</b>	-10 ~ 50°C (14 ~ 122°F)
<b>Operating Humidity</b>	5% ~ 90% Relative Humidity, Non-condensing
<b>Dimensions (W x D x H)</b>	350mm x 274mm x 53.5mm
<b>Weight</b>	4.2Kgs

## Ordering Information

### BFC-1509-190-A1R

15" TFT Full Flat Panel PC with Intel® Celeron® J1900 4-Core 2.0GHz CPU and Projected Capacitive Touch

### ACC-CF-xx

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

### ACC-WIFI-PCIE-9R

Mini PCIe WiFi 802.11 b/g/n Module w/Antenna, Cable

### ACC-ARM-D1R

Multi-VESA STAND, 75 & 100mm