



## BFC-1509

15" Intel® Celeron® SoC Processor J1900 Fanless  
Full Flat Multi-Touch Panel PC with Full IP-65

- > Onboard Intel® Celeron® SoC J1900 2.0GHz BGA Processor
- > Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- > 2 x Intel® Gigabit Ethernet, 5.1-CH Audio
- > 1 HDMI, 1 CF, 1 USB 3.0, 1 USB 2.0, 1 COM
- > Fanless System & VESA Compliance
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Timer-Power-On
- > Front Side IP65 Dust and Water Proof
- > Optional Mini PCIe 3G with SIM Slot and WiFi Module

### Spec

-System Information-	
Processor	Intel® Celeron® J1900 4-Core 2.0GHz processor
Platform Controller Hub	Intel® Valleyview SoC
System Memory	1 x 204-Pin DDR3L 1066/1333MHz SO-DIMM up to 8 GB
I/O Chipset	EC ITE IT8528E
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	EBM-BYT
Expansion	
Expansion	1 x Mini PCIe 1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type I/II Socket 1 x 2.5" Drive Bay
Panel	
LCD Size	15", 4:3
Display Type	XGA
Resolution	1024x768
Pixel pitch	0.297mm (H) x 0.297mm (V)
Luminance	300 cd/m <sup>2</sup>
Contrast ratio	2500
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	16ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	88 %
Touch Controller	USB touch (EETI)
I/O	
USB Port	1 x USB 3.0 1 x USB 2.0
COM Port	1 x RS-232/422/485
Display	
Graphic Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Spec. & Resolution	HDMI:Max. resolution 1920x1200@ 60Hz LVDS:Max. resolution 1920x1200@ 60Hz
Audio	
Audio Codec	Realtek ALC888S supports 5.1-CH
Audio Interface	Line-Out
Certifications	
Certification Information	CE / FCC Class B
Ethernet	
LAN Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Power Requirement	
DC Input	+12V ~ +26V
DC Input Connector	Lockable DC Jack
Power Mode	AT/ATX



<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
<b>Mechanical &amp; Environmental</b>	
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Storage Temperature</b>	-10°C ~ 50°C (14°F ~ 122°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	350 x 274 x 53.5 mm
<b>Weight</b>	4.2Kgs
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Silver Aluminum
<b>Construction - Rear</b>	Black
<b>Software Support</b>	
<b>OS Information</b>	Win 7 Win 8 Win 10 Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	BFC-1509-190-A4R Intel® Celeron® SoC J1900 2.0GHz/2G DDR3L/2LAN/COM/2USB/12~26V Input/12V Adaptor  E1702031833R USA Power Cord E1702031000R EU Power Cord E1702031834R Japan Power Cord E1702031830R UK Power Cord E1702031831R Australia Power Cord

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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