



BFC-10W9

10.1" Intel® Atom™ SoC processor E3845 Fanless
Full Flat Multi-Touch Panel PC with Full IP-65

- > Onboard Intel® Atom™ SoC E3845 Quad-Core 1.91GHz
- > Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- > Intel® 1211AT Gigabit Ethernet, 5.1-CH Audio
- > 1 VGA, 1 HDMI, 2 LAN, 1 CF Slot, 2 COM, 1 USB3.0, 3 USB 2.0
- > Fanless System & VESA Compliance
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Timer-Power-On
- > Front Side IP65 Dust and Water Proof
- > Optional WiFi/BT Module

Spec

-System Information-	
Processor	Intel® Atom™ E3845 4-Core 1.91GHz 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	ECM-BYT
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type I/II Socket
Panel	
LCD Size	10.1"
Resolution	1024x600
Pixel pitch	0.2175 (H) x 0.2088 (V)
Luminance	200cd/m2
Contrast ratio	500
Viewing angle	60 (U), 60 (D), 70 (L), 70 (R)
Response time	7ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	86%
Touch Controller	USB touch (EETI)
I/O	
USB Port	1 x USB 3.0 3 x USB 2.0
COM Port	1 x RS-232 1 x RS-232/422/485
Display	
Graphic Chipset	Intel® Baytrail 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
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
Mechanical & Environmental	



Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (W x L x H)	251.94 x 154.5 x 45.25 mm
Weight	1.2Kgs
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
System Fan	Fanless
Construction - Front	Silver Aluminum
Construction - Rear	Black
Software Support	
OS Information	Win 7 Win 8 Win 10 Linux
Ordering Information	
Ordering Information	BFC-10W9-190-A3R Intel® Atom™ SoC E3845 1.91GHz D1 CPU/2G DDR3L/2LAN/2COM/4USB/12~26V Input/12V Adaptor ACC-ARM-D22R VESA STAND, 75x75 & 100x100 mm ACC-ARM-D29R ARM A800B VESA standard 75*75 & 100*100mm ACC-LPC-WIFI-01R MPCIE WIFI-Kit for LPC Series(half-card) Antenna/Cable/BT4.0/802.11a/b/g/n/ac E1702031833R USA Power Cord E1702031000R EU Power Cord E1702031834R Japan Power Cord E1702031830R UK Power Cord E1702031831R Australia Power Cord

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