



## BFC-1232

12.1" 6th Gen Intel® ULT Core™ Processor i7/i5/i3  
Fanless Full Flat Multi-Touch Panel PC

- > Onboard 6th Gen Intel® ULT Core™ i5 6300U 2.4GHz BGA Processor
- > Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- > 2 x Intel® Gigabit Ethernet, 5.1-CH Audio
- > 1 HDMI, 6 USB 3.0, 3 COM
- > Fanless System & VESA Compliance
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Timer-Power-On
- > Front Side IP65 Dust and Water Proof

### + Spec

-System Information-	
<b>Processor</b>	6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor
<b>System Memory</b>	1 x 260-Pin DDR4 2133MHz SO-DIMM up to 16 GB
<b>I/O Chipset</b>	EC ITE IT8528E
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring CPU & System Temperature and Voltage
<b>SBC</b>	EBM-SKLU
Expansion	
<b>Expansion</b>	1 x Mini PCIe Supports mSATA 1 x Mini PCIe Supports SIM Card
Storage	
<b>Storage</b>	1 x 2.5" Drive Bay
Panel	
<b>LCD Size</b>	12.1", 4:3
<b>Display Type</b>	XGA
<b>Resolution</b>	1024x768
<b>Pixel pitch</b>	0.240mm (H) x 0.240mm (V)
<b>Luminance</b>	600cd/m2
<b>Contrast ratio</b>	1000
<b>Viewing angle</b>	89 (U), 89 (D), 89 (L), 89 (R)
<b>Response time</b>	11ms
<b>Backlight</b>	LED
<b>Touch Type</b>	Projective Capacitive support up to 10 points multi-touch
<b>Touch Light Transmission</b>	89 %
<b>Touch Controller</b>	USB touch (EETI)
I/O	
<b>USB Port</b>	4 x USB 3.0
<b>COM Port</b>	2 x RS-232/422/485 1 x RS-232
<b>HDMI</b>	1x HDMI
Display	
<b>Graphic Chipset</b>	Intel® Skylake U SoC integrated Graphics
<b>Spec. &amp; Resolution</b>	HDMI:Max. resolution 4096x2304@ 24Hz
Audio	
<b>Audio Codec</b>	Realtek ALC233 supports 2.1-CH
<b>Audio Interface</b>	Line-Out and Amp.
Certifications	
<b>Certification Information</b>	CE / FCC Class B
Ethernet	
<b>LAN Chipset</b>	1 x Intel® I210AT 1 x Intel® I219LM
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ-45
Power Requirement	
<b>DC Input</b>	+12V ~ +26V
<b>DC Input Connector</b>	Customized



<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>	5% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	292.9 x 225.4 x 50.14mm
<b>Weight</b>	3.8Kgs
<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 10 Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	BFC-1232-630-A1R 6th Gen Intel® ULT Core i5 6300U 2.4GHz/2LAN/3COM/6USB/12~26V Input/12V Adaptor