



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

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

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Assured Systems

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US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660