



BFC-10R1

10" RISC Bezel Free Panel PC with FreeScale iMX51 with FreeScale Imx51

- > Freescale i.MX51 800 MHz
- > Onboard 512MB DDR2 SDRAM
- > Onboard 4GB eMMC
- > 2 USB, 2 COM
- > 10/100 LAN, SD Socket
- > Fanless & slim design
- > Single +12V
- > Power-on LED

+ Spec

System	
Processor	Freescale i.MX51 Multimedia Processor
System Chipset	i.MX51
System Memory	1 X Onboard DDR2 512MB
I/O Chip	N/A
Watchdog Timer	time-out periods from 0.5 seconds up to 128 seconds
H/W Status Monitor	N/A
SBC	RSC-IMX51
Storage	
Storage	1 x On board 4GB eMMC
I/O	
USB	2 x USB 2.0 1 x Mini-USB Connector
COM Port	1 x RS232(Debug Port) 1 x RS-232/422/485
Other	2 x Speaker 1 x RJ-45 1 x On/Off Switch 1 x Power-on LED 1 x SD Socket Support SDHC (eSDHC-2)
Display	
Chipset	IMX51 Supports optional dual display
Resolution	HDMI: Max. resolution 720P @ 60Hz LVDS: Max. resolution 1024x600 @ 60Hz
Audio	
Chipset	SGTL5000
Audio Interface	Speaker Out
Speaker Output	2 x 2W
Ethernet	
Chipset	1 x SMSC LAN8710A
Ethernet Interface	10/100 Base-Tx Fast compatible
LAN Port	1 x RJ-45
Mechanical & Environmental	
Power Requirement	12V
Power Type	DC Input
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	1.53 Kgs
Dimension (L x W x H)	252.8*164*41.3 mm
Vibration Test	With eMMC : 2Grms, IEC 60068-2-6, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With eMMC : 10Grms, IEC 60068-2-29, Half Sine, 11ms
System Fan	Fanless
Construction - Front	Silver Aluminum
Construction - Rear	Black
Certifications	
Certification Information	CE FCC Class A
Software Support	



OS Information	Android 2.3.4 Ubuntu 10.04 WIN CE 6.0
Power Requirement	
Power Connector	Lockable DC Jack
Power Requirement	12V
Adapter	With eMMC : 10Grms, IEC 60068-2-29, Half Sine, 11ms
Panel	
LCD Size	10.1"
Display Type	WSVGA
Resolution	1024x600
Pixel pitch	0.2715mm (H) x 0.2088mm (V)
Luminance	200 cd/m ²
Contrast ratio	300
Viewing angle	15 (U), 45 (D), 45 (L), 45 (R)
Response time	30 ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	93 %
Touch Controller	USB touch (EETI)

 Ordering

BFC-10R1-M51-A1R
10.1" RISC Bezel Free Panel PC/A1