



Features

- Onboard Intel® Atom™ Dual-Core D2550 1.86GHz CPU with Intel® NM10 Chipset
- Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- Intel® 82574L Gigabit Ethernet, 5.1-CH Audio
- 1 HDMI, 1 COM, 1 CF Slot, 2 USB
- Optional Mini PCIe 3G with SIM Slot and WiFi Module
- Fanless System & VESA Compliance
- Wide Voltage +12V ~ +26V Input, ErP Power
- Timer-Power-On
- Front Side IP65 Dust and Water Proof



Specifications

Panel

LCD Size	12.1" (4:3)
Resolution	1024 x 768
Pixel Pitch	0.240mm (H) x 0.240mm (V)
Luminance	600cd/m ²
Contrast Ratio	700
Viewing Angle	70 (U), 70 (D), 80 (L), 80 (R)
Response Time	16ms
Backlight	LED Backlight
Touch Type	Projected Capacitive Touch
Light Transmission	86%
Touch Interface	USB (EETI)

System

Board	EBM-CDV
CPU	Intel® Atom™ Dual-Core D2550 1.86GHz CPU
BIOS	AMI 16Mbit SPI BIOS
System Chipset	Intel® NM10 Express Chipset
I/O Chip	E/C IT8518E
System Memory	One 204-pin SODIMM Socket Supports Up to 4GB DDR3 800/1066 SDRAM
SSD	One CompactFlash Type I/II Socket
Hard Driver Bay	Optional One 2.5" HDD or SSD
WiFi	Optional Mini PCIe WiFi 802.11b/g/n
Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	1 x Mini PCIe

Rear Panel I/O

Serial Port	1 x RS-232/422/485 (Selected by Jumper)
Ethernet	1 x RJ-45
HDMI	1 x HDMI
Audio Port	Line-out
USB	2 x USB 2.0 (Optional Extra 2 x USB)
Speaker	2 x 1W (or Optional Extra 2 x USB)
Mouse & K/B	1 x PS/2 KB & MS (Co-layout with 2 nd RJ-45)

Display

Chipset	Intel® NM10 Express Chipset
Resolution	HDMI: Up to 1920 x 1200 @ 60Hz LVDS Through eDP: 1920 x 1200 @ 60Hz
Dual Display	LVDS + HDMI (Clone Mode)

Audio

Audio Codec	Realtek ALC892 Supports 5.1-CH Audio
Audio Interface	Line-out (Audio Jack), AMP Line-in, Line-out, Mic-in (in Header)

Ethernet

LAN Chip	Intel® 82574L Gigabit Ethernet (Optional Dual 82574L Gigabit Ethernet)
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible

Mechanical & Environmental

Color	Front Bezel Silver & Rear Black
Mounting	Wall/Stand/VESA 75mm x 75mm
Power Input	100 ~ 250Vdc/47 ~ 63Hz
Power Output	+12Vdc/5A (60W)
Power Type	AT/ATX
Operating Temperature	-10 ~ 40°C (14 ~ 104°F)
Storage Temperature	-20 ~ 50°C (-4 ~ 122°F)
Operating Humidity	5% ~ 90% Relative Humidity, Non-condensing
Dimensions (W x D x H)	292.9mm x 225.4mm x 49mm
Weight	TBD

Ordering Information

BFC-1207-255-A1R

12.1" TFT Full Flat Panel PC with Intel® Atom™ D2550 Dual-Core 1.86GHz CPU and Projected Capacitive Touch

ACC-CF-XX

CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)

ACC-WIFI-PCIE-9R

Mini PCIe WiFi 802.11 b/g/n Module w/Antenna, Cable