



Features

- Onboard Intel® 4th Generation ULT Core i5 Processor (2 Die MCP)
- Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- 2 x Intel® Gigabit Ethernet, 5.1-CH Audio
- 1 HDMI, 1 CF, 2 USB 3.0, 1 COM
- 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	15", 4:3
Resolution	1024 x 768
Pixel Pitch	0.297mm (H) x 0.297mm (V)
Luminance	400cd/m ²
Contrast Ratio	700
Viewing Angle	60 (U), 80 (D), 80 (L), 80 (R)
Response Time	16ms
Backlight	LED
Touch Type	Projected Capacitive Touch
Light Transmission	88%
Touch Interface	USB (EETI)

System

Board	EBM-QM87U
CPU	Onboard Intel® 4 th Generation Core i5 4300U Processor (2 Die MCP, 15W)
BIOS	AMI uEFI BIOS, 64/128Mbit SPI Flash ROM
System Chipset	2 Die MCP; Integrated in Processor
I/O Chip	E/C IT8528E
System Memory	2 x 204-pin SODIMM Socket Supports Up to 16GB DDR3L 1333/1600 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	2 x Mini PCIe (One Supports mSATA, One Supports SIM Card Slot)

Rear Panel I/O

Serial Port	1 x RS-232/422/485 (Selected by Dip Switch)
Ethernet	2 x RJ-45
HDMI	1 x HDMI
Audio Port	Line-out
USB	2 x USB 3.0
Speaker	2 x 1W

Display

Chipset	2 Die MCP; Integrated in Processor
Resolution	LVDS Through eDP: 1920 x 1200 @ 60Hz
Dual Display	HDMI + LVDS (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	1 x Intel® I210 Gigabit Ethernet Controller, 1 x Intel® I218LM Gigabit Ethernet PHY
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/100mm x 100mm
Power Input	100 ~ 250Vdc/47 ~ 63Hz
Power Output	+12Vdc/5A (60W)
Power Type	AT/ATX
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-10 ~ 50°C (14 ~ 122°F)
Operating Humidity	5% ~ 90% Relative Humidity, Non-condensing
Dimensions (W x D x H)	TBD
Weight	TBD

Ordering Information

BFC-1508-430-A1R

15" TFT Full Flat Panel with Intel® 4th Generation ULT Core i5 4300U 1.9GHz 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

ACC-ARM-D1R

Multi-VESA STAND, 75 & 100mm