



### Features

- Support both ARM/x86 Based SMARC Module
- Supports Gigabit Ethernet, RJ-45 x 1
- HDMI, 18/24-bit Single Channel LVDS
- High Definition Audio (for X86)
- I2C Interface, SPI interface, UART x 2
- PCI-Express [x1] x 3
- SATA 3.0 Gb/s x 2, USB2.0 x 4, USB2.0 Device Mode x 1
- microSD CARD Slot
- CSI Interface for Camera (option)
- Mini-ITX Form Factor (170 mm x 170mm)
- SMARC SPEC : Version 1.0

\*Features only available if the SMARC module supports it\*



### Specifications

System		
Product Name	ECB-960-A10	ECB-960-A10-01
Platform	x86 (Intel® BayTrail)	ARM (Freescale i.mx6)
Form Factor	Mini-ITX form Factor (170mmx 170mm)	
I/O Chipset	N/A (Legacy Support)	N/A
Ethernet	10/100/1000Base-TX, RJ-45 x 1 (From CPU module)	
Expansion Interface	PCI-Express [x1] x 3 via adapter card	PCI-Express [x1] x 3 via adapter card
Power Consumption (Typical)	—	—
Power Requirement	+12V DC; +8~20VDC-in on separate conn.	
Board Size	6.69" x 6.69" (170mm x 170mm)	
Gross Weight	—	
Operation Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)	
Storage Temperature	-4 °F ~ 158 °F (-20 °C ~ 70 °C)	
Operation Humidity	10% ~ 80% relative humidity, non-condensing	
MTBF	—	—
Display		
LVDS	18/24-bit Single channel LVDS	18/24-bit Single channel LVDS
I/O		
Storage	SATA x 1, microSD card x 1	SATA x 1, microSD card x 1
Serial Port	2-wire x 1, 4-wire x 1	One, For debug only
USB	USB port 3.0 x 1 USB port 2.0 x 5 (1 for clinet)	USB port 2.0 x 3 (1 for OTG)
I2C	1	1
Audio	Line-in, Line-out, Microphone	Headphone

### Optional Accessories

- TBD

### Ordering Information

- **ECB-960-A10**  
SMARC Carrier board for x86
- **ECB-960-A10-01**  
SMARC Carrier board for ARM