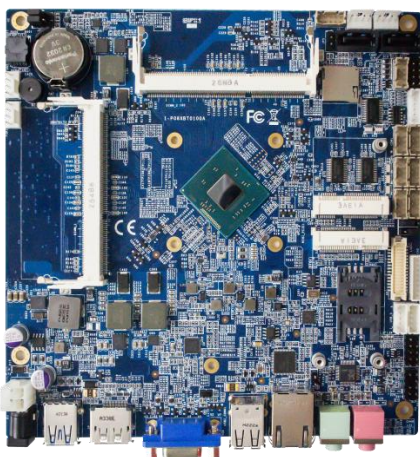


CT-XBTOX



Intel® Atom™ Processor E3800 Series
Industrial Mini-ITX M/B

Features:

- Mini-ITX form factor
- Intel Bay Trail-I SoC onboard
- Low power with TDP 5W to 10W
- Fanless and slim design
- Rich I/O for various applications

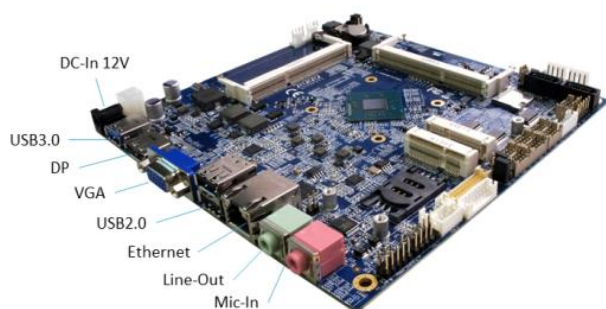


System

CPU	Intel Bay Trail SOC, supports: E3845(BayTrail-I): 4 x cores, 1.91GHz E3827(BayTrail-I): 2 x cores, 1.75GHz E3815(BayTrail-I): 1 x cores, 1.46GHz
System Memory	2 x 204-pin DDR3L SODIMM sockets Non-ECC/unbuffered Data transfer rates up to 1333MT/s Memory size up to 8GB
BIOS	AMI uEFI 8MB SPI flash
Graphics	Intel 7th generation graphics and media encode/decode engine
Ethernet	1 x Intel I210IT GbE Controller
Audio	Realtek ALC886
Watchdog Timer	H/W Reset, 1sec. – 65535sec./min. 1sec. or 1min. step
H/W Monitor	Voltages monitoring Temperature monitoring Smart fan supported
TPM	TPM1.2 supported (optional)

Mechanical & Environment

Power Requirement	DC +12V input
ACPI	ACPI 5.0 compliant
Operating temp.	-20°C ~ 70°C
Storage temp.	-40°C ~ 85°C
Operating Humidity	10% ~ 90% relative humidity, non-condensing
Dimension	Mini-ITX (170mm x 170mm)



I/O

Internal I/O	2 x SATA II 3 x USB2.0 1 x 8-bit GPIO 1 x 2-ch 24bit LVDS 1 x RS-232/422/485 5 x RS-232 1 x PS/2 keyboard and mouse 1 x Front panel audio 2 x FAN 1 x microSD card 1 x SIM card
External I/O	1 x DC-Jack for +12V power input 1 x USB3.0 2 x USB2.0 1 x DP 1 x VGA 1 x Gigabit Ethernet 1 x Line-Out/Mic-In Port
Expansion	2 x mini-PCIe slots

Optional Accessories

1-E09A06001	DC 12V/5A Power Adapter
-------------	-------------------------

Ordering Information

CT-XBT01	Mini-ITX board, Intel Atom Processor E3845, w/2xDDR3L, 1xGbE, 1xDP, 1xVGA, 2-ch 24-bit LVDS, 6xCOM, 5xUSB2.0, 1xUSB3.0, 2xSATA, 2xMini-PCIe, Audio, PS/2KB/MS, 8-bit GPIO
CT-XBT02	Mini-ITX board, Intel Atom Processor E3827, w/2xDDR3L, 1xGbE, 1xDP, 1xVGA, 2-ch 24-bit LVDS, 6xCOM, 5xUSB2.0, 1xUSB3.0, 2xSATA, 2xMini-PCIe, Audio, PS/2KB/MS, 8-bit GPIO
CT-XBT03	Mini-ITX board, Intel Atom Processor E3815, w/2xDDR3L, 1xGbE, 1xDP, 1xVGA, 2-ch 24-bit LVDS, 6xCOM, 5xUSB2.0, 1xUSB3.0, 2xSATA, 2xMini-PCIe, Audio, PS/2KB/MS, 8-bit GPIO

*All specifications and photos are subject to change without notice.