

Product Specification

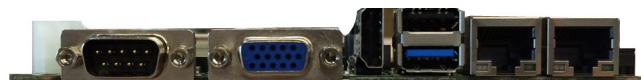
Processor/Chipset	
Processor	Intel® Atom™ Processors E3845, 1.91GHz, Quad-core SOC (10W) Intel® Atom™ Processors E3825, 1.73GHz, Quad-core SOC (6W)
Super IO	Fintek F81866A
BIOS	AMI SPI Flash ROM
Memory	
Technology	DDR3L 1333/1066 SDRAM
Max. Capacity	Up to 8GB
Socket	1 x 204-pin SO-DIMM
Watchdog Timer	
Interval	Programmable 1~255 sec/min
Output	System reset
Storage	
SATA	1 x SATA II
Max. Data Rate	300 MB/s
Display	
Graphic Engine	Intel® HD4600 Graphics Engine
Display Interface	VGA, HDMI LVDS (Dual channel 18/24-bit)
Resolution	VGA: 2560 x 1080 HDMI: 1920 x 1080 LVDS: 1920 x 1200
Dual Display	VGA + HDMI VGA + LVDS HDMI + LVDS
Ethernet	
LAN Controller	Dual Intel® i210 Gigabit LAN
LAN Speed	10/100/1000 Mbps
Connector	2 x RJ45
Audio	
Audio Codec	Realtek ALC662 Audio Codec
Audio Interface	Mic-in, Line-in, Line-out
Expansion	
mini-PCIe	1 x Full size Mini-PCIe with mSATA supported 1 x Half size Mini-PCIe
I/O	
USB Port	1 x USB3.0, 5 x USB2.0
COM Port	3 x COM (1 x RS-232/422/485, 2 x RS-232)
Digital IO	4-in, 4-out

Features

- Intel® Bay Trail Platform
- Intel® Atom™ E3845 SoC
- Dual Display: VGA, HDMI, LVDS
- Dual Gigabit Ethernet
- 1 x SATA II, 2 x Mini-PCIe
- 1 x USB3.0, 5 x USB2.0, 3 x COMs, 8-bit DIO
- Fanless Operation

Power Requirement	
DC In	12V~24V
Connector	2 x 2-pin
Environmental & Mechanical	
Operating Temp.	0°C~60°C (32°F~140°F)
Storage Temp.	-40°C~110°C (-40°F~230°F)
Relative Humidity	0%~95% (non-condensing)
Form Factor	
Dimension (L x W)	102mm x 146mm (4" x 5.8")

Rear I/O



Ordering Information

WECX-E38451

Intel® Atom™ SOC E3845 on board, 1 x DDR3L SO-DIMM up to 8GB, 2 x GbE LAN, 1 x VGA, 1 x HDMI, 1 x LVDS, 1 x Full size Mini-PCIe (w/m-SATA), 1 x Half size Mini-PCIe, 1 x SATA, 1 x USB 3.0, 5 x USB 2.0, 3 x COM, DC-In 12V~24V.

WECX-E38251

Intel® Atom™ SOC E3825 on board, 1 x DDR3L SO-DIMM up to 8GB, 2 x GbE LAN, 1 x VGA, 1 x HDMI, 1 x LVDS, 1 x Full size Mini-PCIe (w/m-SATA), 1 x Half size Mini-PCIe, 1 x SATA, 1 x USB 3.0, 5 x USB 2.0, 3 x COM, DC-In 12V~24V.