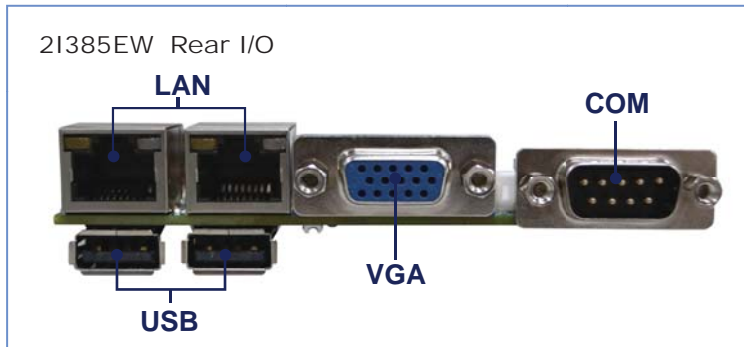


## 21385EW Series

### Back Panel



- ▶ Intel® Bay Trail E3825 / E3845 / J1900 CPU, Pico-ITX 2.5" SBC, On Board DDR3L Memory, VGA, 2 x Gb Intel Ethernet, 2 x Mini PCIe, 4 x USB 2.0, 4 x COM

### ▶ Features

- Embedded Intel® Bay Trail E3825 / E3845 / J1900 CPU / chipset
- On Board 2GB / 4GB DDR3L, VGA, HD Audio, 4 x COM
- 2 x Intel GbE LAN, 4 x USB 2.0
- 2 x Mini PCIe (Optional to LEX eIO)

### Specification:

MODEL	21385EW
CPU Type	Bay Trail-I E3825 1.33GHz (Dual core processor) Bay Trail-I E3845 1.91GHz (Quad core processor) Bay Trail-D J1900 2.0GHz (Quad core processor)
MB Chipset	Intel Bay Trail E3825 / E3845 / J1900 chipset
BIOS	Insyde UEFI BIOS
Graphics	Intel's 7th generation (Gen 7) graphics and media encode / decode engine, Supports DX*11, OpenGL 3.0 (OGL 3.0), OpenCL 1.2 (OCL 1.2), OpenGLES 2.0
System Memory	On Board 2GB / 4GB DDR3L ; 1066 MHz for E3825, 1333 MHz for E3845 / J1900
SATA	1 x SATA ports 2.0 Data transfer rates up to 3.0 Gb/s (300 MB/s) (Share with Full Size mSATA) 2 x mini card socket for mSATA
Audio	High Definition Audio Specification, Support Line-out / Mic-in
Audio Amplifier (option)	Two channel Class D Audio Amplifier ; 2.57W/Ch (Typ.) into a 4ΩLoad, 1.46 W / Ch (Typ.) into a 8ΩLoad
LAN	2 x Intel 10 / 100 / 1000 Mbps
IO Function	(1 x external RS232 optional to RS422 / 485) 4 x RS232 (1 x internal RS232 optional to RS485) (2 x internal RS232 / 422 / 485)
USB	4 x USB 2.0 (2 x external + 2 x internal)
DIO & WDT	Hardware digital Input & Output, 4 x DI / 4 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	1 x Full size Mini card for mSATA / USB interface ; optional to LEX eIO 1 x Half size PCIe Mini card for USB / mSATA interface ; optional to LEX eIO
Power	Wide Range +9V~+36V
Dimension	102 x 73 mm (Pico-ITX 2.5 inch)
Operation Temperature	-20°C ~ 70°C
Operation Humidity	5 ~ 95%, non-condensing
Expansion	GPS, IEEE1394, 3G / 4G, Bluetooth, WI-FI, I/O, Video Card
Chassis	BOX PC : TERA, BLADE, MIRO2