



21385A(W) / 21385CW Series

Intel® Bay Trail-I E3815/E3845 CPU, 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-I E3815 / E3845 CPU / chipset
- On Board 2G / 4G DDR3L, VGA, HD Audio, 4 x COM
- 2 x Intel GbE LAN, 4 x USB 2.0
- 2 x Mini PCIe

Back Panel



Specification:

MODEL	21385A(W)	21385CW
CPU Type	Bay Trail-I E3815 1.46GHz (Single core processor) Bay Trail-I E3845 1.91GHz (Quad core processor)	
MB Chipset	Intel Bay Trail-I E3815/E3845 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 2G/4G DDR3L ; 1066 MHz for E3815, 1333 MHz for E3845	
LVDS	Option	Supports 24bits/2 channel LVDS up to 1920 x 1080 resolution.
Touch Screen	Option	USB interface Touch screen controller
SATA	1 x SATA ports 2.0 Data transfer rates up to 3.0 Gb/s (300 MB/s)(Option) 1 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	4 x RS232 (1 x external RS232 optional to RS422/485) (3 x internal RS232 optional to RS485)	
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 Auto detect PCIe & mSATA and USB interface 1 x Half size PCIe Mini card for PCIe and USB interface	
Power	DC-IN +12V	
Dimension	102 x 73 mm (2.5 inch)	
Operation Temperature	-20°C ~ 60°C	
Operation Humidity	5 ~ 95%, non-condensing	