

ST385W

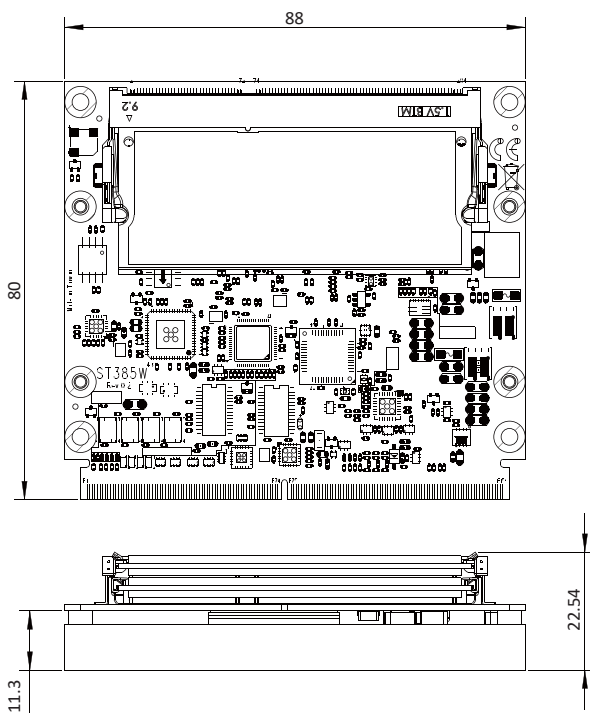
SMART Computer on Module supports Intel® Bay Trail Atom / Celeron CPU
VGA, HDMI or LVDS, Touch, 2 x Intel Gb Ethernet
8 x USB, 4 x COM, 8DI / 8DO, 2 x PCIe



Features:

- Intel® Bay Trail-H Atom™ E3825 1.33GHz (Dual Core)
- Intel® Bay Trail-H Atom™ E3845 1.91 GHz (Quad Core)
- Intel® Bay Trail-D Celeron® J1900 2.0GHz (Quad Core)
- 1 x DDR3L SODIMM, Max. 8GB
- Multiple Independent display: VGA, HDMI & LVDS
- 2 x Intel GbE LAN, 1 x USB 3.0, 7 x USB 2.0, 8DI / 8DO
- 4 x COM, 2 x PCIe

Dimensions: (Unit:mm)



Specifications :

- CPU**
 - Intel® Bay Trail-H Atom™ E3825 1.33GHz (Dual Core)
 - Intel® Bay Trail-H Atom™ E3845 1.91 GHz (Quad Core)
 - Intel® Bay Trail-D Celeron® J1900 2.0GHz (Quad Core)
- MB Chipset**
 - Intel® Bay Trail SoC
- Graphics**
 - Intel Gen7 graphic engine
 - DirectX11, OpenGL3.2, OpenCL1.1 ; Full HW acceleration, decode: H.264, MPEG 2 / 4, VC-1, WMV9. Encode: H.264, MPEG2
- System Memory**
 - 1 x DDR3L 1066 / 1333 MHz SODIMM, Max. 8GB
- Storage**
 - 2 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s)
- BIOS**
 - Insyde UEFI BIOS
- Display**
 - 1 x VGA, 1 x HDMI or LVDS
- Touch**
 - COM touch screen controller
- LAN**
 - 2 x Intel GbE (internal)
- Audio (OEM)**
 - High Definition Audio Specification, Support Line-out / Mic-in / Line-in
 - Two channel Class D Audio Amplifier
- Expansion Interface**
 - 2 x PCIe 1x

Expansion Module

ST001:

4 x COM, 2 x GbE, VGA, HDMI, LVDS, 4 x USB,
7 x PCIe mini card, 3 x SIM socket, Audio

- USB**
 - 1 x USB 3.0 (internal), 7 x USB 2.0 (internal)
- Serial IO**
 - 4 x RS232 / 422 / 485 (internal)
- GPIO**
 - Hardware digital Input & Output, 8 x DI / 8 x DO
- WDT**
 - Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input**
 - Wide Range +9~36V
- Dimension**
 - 88 x 80 mm
- Operation Temperature**
 - 20°C~70°C (100 % CPU Usage)
- Operation Humidity**
 - 5~95%, non-condensing
- OS Support**
 - Windows® 10 IOT (64bit), Windows® 8.1 (64bit), Windows® Embedded 8 Standard (64bit), Windows® 7 (32 / 64bit), Windows® Embedded Standard 7 Runtime, Ubuntu 14.10 above, Fedora 25 above, Debian 8 above, CentOS 7.3 above, Mint 18.1 above