

Features

- Intel Bay Trail J1900 processor
- Support Dual Channel DDR3 1333 MHz
- 2 x DDR3 SO-DIMM, up to 8GB
- 1 x HDMI, 1 x VGA
- 2 x USB 3.0, 4 x USB 2.0, 2 x SATA3
- 1 x Mini-PCle, 1 x PCIe (x1), 1 x mSATA
- 2 x Intel Gigabit Ethernet
- 1 x TPM Header
- DC-in 9 -36V power input
- With TVS Diode for ESD, Surge protection



Core System

CPU	Intel Baytrail SoC J1900 Processor TDP Max. 10W
System Memory	2 x DDR3 1333 MHz SO-DIMM, up to 8GB
Chipset	Intel SoC Integrated
BIOS	AMI
Storage	2 x SATAII
Watchdog Timer	1 - 255 steps by software program
Expansion Slot	1 x Half size Mini-PCle 1 x PCIe (x1) slot 1 x mSATA with SATAII (shared)
Power Input	DC-in 9 - 36V Pheonix type Power connector
Smart Fan Control	-
Dimensions	204 x 206 x 67 mm
Weight	2.4 kg
Operating Temperature	0°C to +60°C (+32°F to +140°F)
Storage Temperature	-20°C to +70°C (-4°F to +158°F)
Humidity	10% to 95% relative humidity, non-condensing

System I/O

USB	2 x USB 3.0 4 x USB 2.0 (2 x USB 2.0 in the front)
Display I/O	1 x HDMI 1 x VGA
Audio I/O	1 x Mic-in / 1 x Line-out
LAN I/O	2 x RJ45, Realtek RTL8111G-CG Giga LAN
Serial Port	2 x RS-232, 3 x RS-232/422/485 selected by BIOS
PS/2 Port	1 x Keyboard, 1 x Mouse
Others	Power LED, HDD LED, Power switch in the front

Internal Connectors

USB	2 x USB 3.0 2 x USB 2.0
Display I/O	1 x LVDS
Audio I/O	-
Serial Port	-
Parallel Port	1
GPIO	1 x GPIO Header (Programmable support 4 in/4 out)
FAN	Support
Power	9 - 36 VDC-in
Others	1 x SATA Power con., 1 x Speaker Header, 1 x TPM Header 1 x TVS Diode (15K Watts)

Graphics

Chipset	Intel Gen. 7 Graphics DX 11, OGL 3.2
VGA	Up to 1920 x 1200
DVI	-
HDMI	Up to 1920 x 1200
Display Port	-
LVDS	UP to 1920 x 1200 @ 60 Hz
eDP	-

Others

OS Support	Windows 10, Windows 7, Linux
Certifications	CE / FCC
Bios Version	-
Bios Release Date	-