



BI255-1900J-IoT-DEV

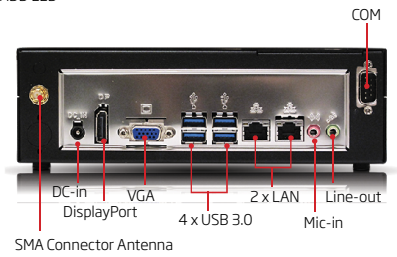
Pre-validated IoT Gateway Solution
Development Kit for IoT

Features

- Equipped with MX1900J Intel® Celeron® J1900 Quad Core mini-ITX (Intel® BayTrail-D Platform)
- Includes Wind River® Cloud Connectivity and McAfee® Enterprise Security software stack SDK download key
- Includes one 32 GB mSATA SSD, 4 GB DDR3L memory module, two antennas and power adapter
- Includes one Intel® Wi-Fi Module with BT 4.0
- I/O: 4 x USB 3.0, 2 x Gigabit LAN, 1 x COM, 1 x VGA, 1 x Display Port, 12V DC-in, 2 x SMA Jacks for Antenna



Power Switch
Power LED and HDD LED



SMA Connector Antenna

Intel® Gateway Solutions for IoT

Specifications

System

CPU	Intel® Baytrail-D Celeron™ J1900 2.0 GHz Quad Core Processor Onboard
System Chipset	SoC
BIOS	AMI® 32Mb SPI BIOS
System Memory	Two 204-pin SODIMM sockets support up to 8 GB DDR3L 1333 MHz * This DEV. Kit includes 4 GB DDR3L memory module
Video	Intel® Integrated Graphic Engine
Audio	Realtek® ALC892 HD Audio
Ethernet	Intel® i211-AT PCIe Gigabit LAN Controller Intel® i211-AT PCIe Gigabit LAN Controller
Expansion	1 x Full Size Mini PCI Express with mSATA Support 1 x Half Size Mini PCI Express * This DEV Kit includes one Intel Wi-Fi module with BT 4.0
System Fan	1 x 60mm
System Indicator	1 x Power LED, 1 x HDD LED
Storage	1 x 2.5" Drive Bay The development includes a 32 GB SSD

External I/O

Audio	1 x Mic-in and 1 x Line-out
LAN	2 x RJ-45
Display Interface	1 x DSub-15 VGA, 1 x DisplayPort
USB	4 x USB 3.0 (Blue)
COM	1 x RS-232
Power Input	1 x DC-in
SMA Connector	2 x SMA Connector for Antenna

Mechanical & Environment

Power Type	60W 12V Power Adapter
Operating Temp.	0 ~ 40°C (32 ~ 104°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Related Humidity	10% ~ 86% Relative Humidity, Non-condensing
Exterior Color	Black
Mounting	Wall Mount, VESA Mount
Dimensions	8" L x 7.125" W x 2.5" H
Weight	3.14 lbs

Ordering Info

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The development kit includes one 32 GB mSATA SSD, 4 GB DDR3L memory module, an Intel® WiFi Module and antenna, a power supply, and of course a download authorization key and instructions on how to download and register the Intel® Gateway Solutions for the Internet of Things software stack (SDK) and documentation from the Intel® website.