



LBB 190SE

Main Features

- Intel Celeron J1900 Bay Trail SOC Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232,
- 1 x USB 3.0, 1 x USB 2.0, 1 x SATA 3
- 1 x Mini-PCie, 1 x mSATA
- 2 x Realtek Gigabit LAN

32 GB eMMC Drive boots any computer to Linux Mint operating system

NGINX web server

+ GoRun VM

Running Windows Server 2019 (Eval) with IIS, GoRun and Firebird, preconfigured for the GoRun sample projects.

Plus all you need to self install on any Windows Machine

Specifications

Processor System

Processor	Intel Celeron BayTrail SOC Processor Default J1900 Quad Core Processor 2.0GHz Up To 2.42GHz 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel® HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek ALC662 HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED
LED	1 x HDD LED
Serial Port	1 x RS-232 (Supports 5V/12V))
USB	6 x USB 2.0

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x RJ-45 Port for Gigabit LAN
USB	1 x USB 3.0, 1 x USB 2.0
Audio	2 (Line-out, Mic-in)
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini-PCie for mSATA SSD
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Expansion

mSATA	1 x Full Length Mini-PCie for SSD
Mini-PCie	1 x Mini-PCie for Wi-Fi (3G/4G) Module
SIM Card Slot	Yes
Automatically Boot	1
Jumper	1
VGA	1
GPIO	1
RS-485	0
DC-in	1

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminum
Dimension	182 x 112 x 39mm
Weight	0.75kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fanless Design

OS Support

OS	Linux
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