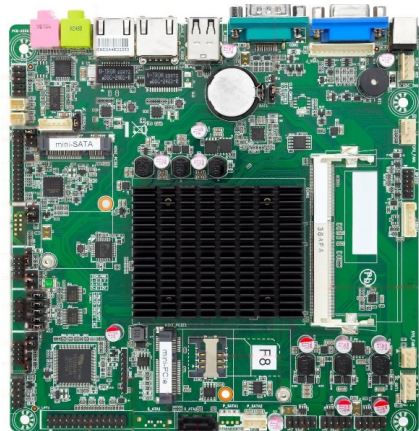




Rear I/O

Features

- Intel® Celeron® J1900 quad-core SoC, up to 2.4GHz (10W TDP)
- Support DDR3L-1333 memory, up to Max. 8GB
- Dual-channel 24-bit LVDS + VGA (eDP optional)
- 2x Realtek® RTL8111F Gigabit LAN
- 4x COM ports (3x RS232 + 1x RS232/TTL)
- 8x GPIO, 1x LPT, 1x PS/2
- 2x Mini PCI-E (WiFi/4G + mSATA) with SIM slot
- Onboard 2x 5W audio amplifier
- Single DC 12V input, Mini-ITX 170 x 170 mm

Mini
ITX

2x
LAN

LVDS

4G
SIM

Specifications

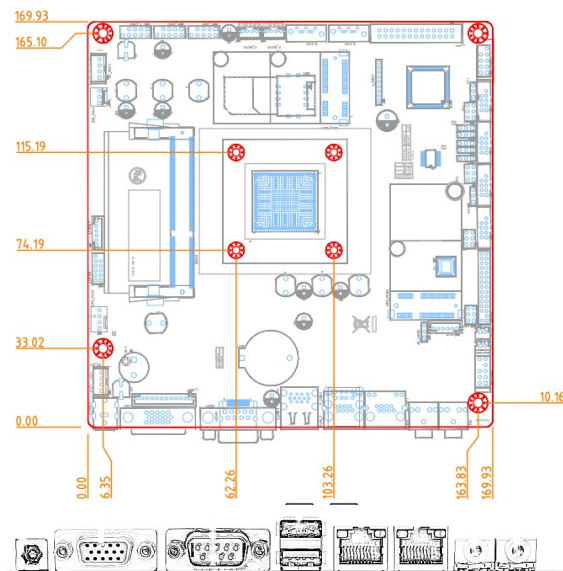
Form Factor	Mini-ITX (170mm x 170mm)
CPU Type	Intel® Celeron® J1900 Quad-Core, 2.0GHz up to 2.4GHz, 10W TDP
Memory	1x DDR3L-1333 SO-DIMM, Max. 8GB
Display	1x VGA, up to 2560x1600@60Hz 1x LVDS dual-channel 24-bit, up to 1920x1200@60Hz (eDP optional)
Ethernet	2x Realtek® RTL8111F Gigabit LAN
Audio	Realtek® HDA codec, Line-out + MIC 2x 5W amplifier (8Ω)
COM	3x RS232 + 1x RS232/TTL
Rear Panel External I/O	1x DC 12V jack, 1x VGA, 1x COM1 (DB9) 1x USB 3.0, 1x USB 2.0 2x RJ-45 GbE, Line-out + MIC jacks
Internal Headers	1x LVDS, 1x VGA, 4x COM, 8x GPIO, 1x LPT 5x USB 2.0, 1x PS/2 KB/MS, front panel Front audio, 2x amplifier, CPU/system fan DC 12V/5V output, DC 12V input
Expansion Slots	2x Mini PCI-E (WiFi/4G/3G + mSATA), 1x SIM slot
Storage	1x SATA 2.0 + 1x mSATA, 2x SATA power headers
Power Requirement	DC 12V (DC jack or 4-pin header)
BIOS	AMI® UEFI BIOS
Operating Temp.	0°C ~ +60°C (32°F~140°F)
Storage Temp.	-20°C ~ +75°C (-4°F~167°F)
Operating System	Windows 7 / 8.1 / 10, Linux

Ordering Information

MI-IBJ1902

Mini-ITX board, Intel® Celeron® J1900, 4x COM, 2x GbE LAN, 7x USB, dual 24-bit LVDS, 2x Mini PCI-E + SIM, (HDMI in place of COM1/DB9 on request)

Dimensions and Drawing



Unit: mm