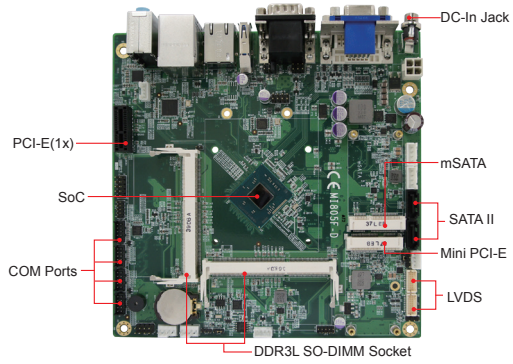
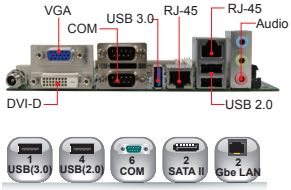
MI805

Intel® Celeron® J1900 SoC Mini-ITX Motherboard

iSMART
Wide input range







Features

- Onboard Intel® Celeron® J1900(2.0GHz) SoC
- 2x DDR3L SO-DIMM, Max. 8GB
- Supports VGA, DVI-D and 24-bit dual channel LVDS
- Onboard dual PCI-E Gigabit LAN
- Watchdog timer, Digital I/O, iSMART
- 1x USB 3.0, 4x USB 2.0, 6x COM, 2x SATA II
- 1x PCI-E(1x), 1x Mini PCI-E, 1x mSATA

System

CPU	Intel® Celeron® J1900 SoC (2.0GHz, 2MB cache)
System Memory	2x DDR3L-1333 SO-DIMM, Max. 8GB(Non-ECC)
System Chipset	N/A
BIOS	AMI
Watchdog Timer	256 levels
SSD	mSATA
H/W Monitor	Yes
Expansion Slot	1x PCI-E(1x), 1x Mini PCI-E

Graphics

VGA Controller	Intel® Celeron® J1900 integrated Gen7 graphics
VGA Memory	Max. shared memory – 224MB
Display Interface	Supports DVI-D, CRT 24-bit dual channel LVDS

LAN

Controller	Intel® I211AT PCI-E Gigabit LAN
Connector	RJ-45 on board

Multi I/O

I/O Chipset	Nuvoton NCT6106D 1x RS232/422/485 , 5x RS232, 2x SATA II
USB	1 port USB 3.0 on board 2 ports USB 2.0 on board 2 ports USB 2.0 via pin-header
Audio	Intel® Celeron® J1900 built-in audio w/ Realtek ALC269 codec
Others	12V~24V DC-In, iSMART, Digital I/O (4-in/4-out)

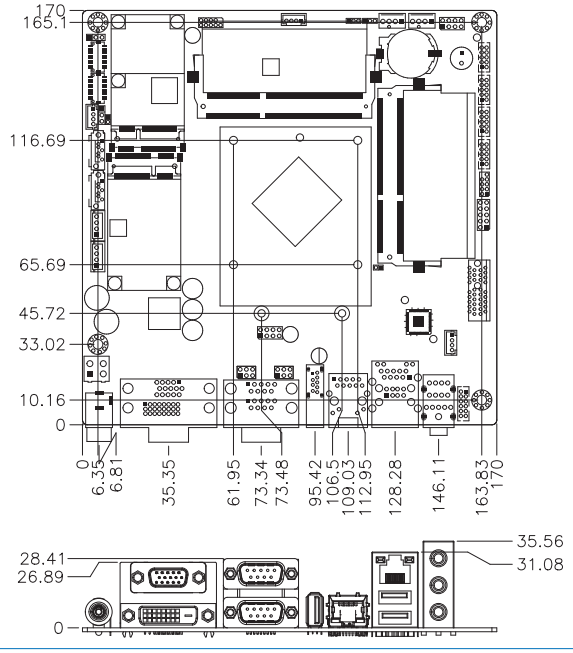
Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Celeron® J1900 2GHz w/ 8GB DDR3L-1600 +12V: 1.28A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

Ordering Information

MI805F-D	Intel® Celeron® J1900 2GHz SoC Mini-ITX motherboard w/ DVI-D, VGA & LVDS, 2x PCI-E Gigabit LAN, iSMART, with heatsink

Dimensions and Drawing



Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.