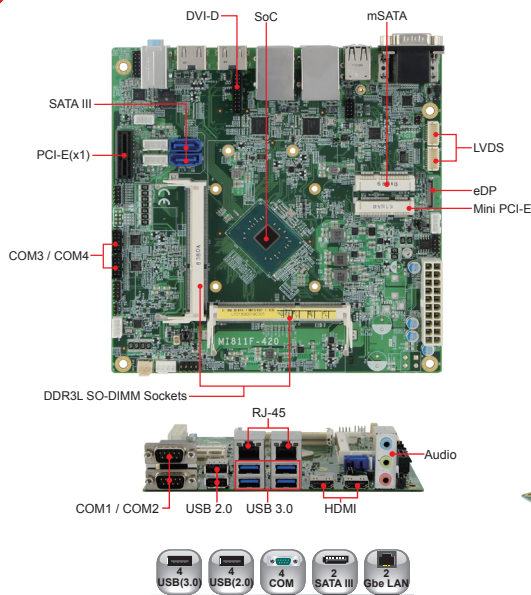


NEW



## Features

- Intel® Pentium® QC N4200 @ 2.5GHz or Celeron® DC N3350 @ 2.4GHz on board
- 2x DDR3L SO-DIMM sockets, Max. 8GB
- Supports HDMI, HDMI / DVI-D and eDP / 24-bit dual channel LVDS
- 2x Intel® I211-AT PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 4x USB 3.0, 4x USB 2.0, 4x COM, 2x SATA III
- 1x PCI-E(x1), 1x Mini PCI-E, 1x mSATA

## System

|                 |                                                                                          |
|-----------------|------------------------------------------------------------------------------------------|
| CPU             | Intel® Pentium® QC N4200 @ 1.1GHz ~ 2.5GHz<br>Intel® Celeron® DC N3350 @ 1.1GHz ~ 2.4GHz |
| System Memory   | 2x DDR3L-1866 SO-DIMM socket, Max. 8GB                                                   |
| BIOS            | AMI                                                                                      |
| Watchdog Timer  | 256 levels                                                                               |
| SSD             | 1x mSATA                                                                                 |
| H/W Monitor     | Yes                                                                                      |
| Expansion Slots | 1x PCI-E(1x), 1x Mini PCI-E                                                              |

## Graphics

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| VGA Controller    | Intel® Pentium® SoC integrated Intel® Gen 9 graphics              |
| VGA Memory        | Shared memory                                                     |
| Display Interface | Supports HDMI, 2nd HDMI or DVI-D, eDP or 24-bit dual channel LVDS |

## LAN

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

## Multi I/O

|             |                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------|
| I/O Chipset | Fintek F81846AD-I<br>1x RS232/422/485(Jumperless selection), 3x RS232                                     |
| USB         | 4 ports onboard (USB 3.0)<br>2 ports onboard + 2 ports via pin header (USB 2.0)                           |
| Serial ATA  | 2x SATA III                                                                                               |
| Audio       | Intel® Pentium® SoC built-in High Definition Audio controller + Realtek ALC283 w/ 2.1 channels+ amplifier |
| Others      | Digital I/O (4-in/4-out); ATX or 12V~24V DC-in; EUP/ErP                                                   |

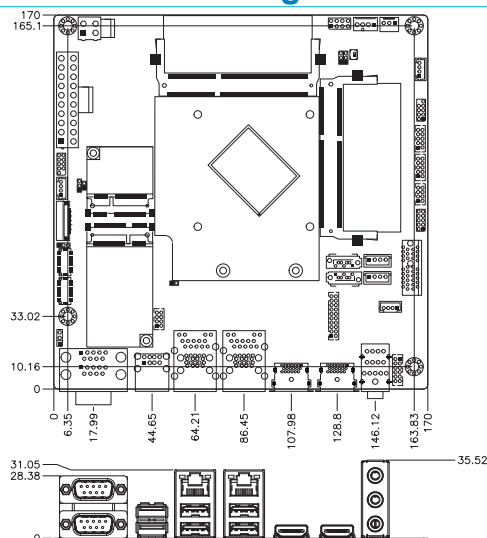
## Mechanical and Environmental

|                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| Dimensions             | 170mm x 170mm (6.7" x 6.7")                                          |
| Max. Power Requirement | Intel® Pentium® N4200 2.5GHz<br>w/ 2x DDR3L 1600 4GB<br>+ 12V: 1.27A |
| 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

|             |                                                                                                                                                                   |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MI811F-420  | Intel® Pentium® N4200(1.1~2.5GHz) onboard Mini-ITX motherboard with heatsink, w/ HDMI#1, HDMI#2 or DVI-D, eDP or LVDS, 2x PCI-E Gigabit LAN, ATX-in               |
| MI811F-420D | Intel® Pentium® N4200(1.1~2.5GHz) onboard Mini-ITX motherboard with heatsink, w/ HDMI#1, HDMI#2 or DVI-D, eDP or LVDS, 2x PCI-E Gigabit LAN, <b>12V~24V DC-in</b> |
| MI811F-335  | Intel® Celeron® N3350(1.1~2.4GHz) onboard Mini-ITX motherboard with heatsink, w/ HDMI#1, HDMI#2 or DVI-D, eDP or LVDS, 2x PCI-E Gigabit LAN, ATX-in               |
| MI811F-335D | Intel® Celeron® N3350(1.1~2.4GHz) onboard Mini-ITX motherboard with heatsink, w/ HDMI#1, HDMI#2 or DVI-D, eDP or LVDS, 2x PCI-E Gigabit LAN, <b>12V~24V DC-in</b> |

## Dimensions and Drawing



Remarks: 1. Specifications are subject to change without prior notice. 2. For more detail visit [shop.netassist.pl](http://shop.netassist.pl)