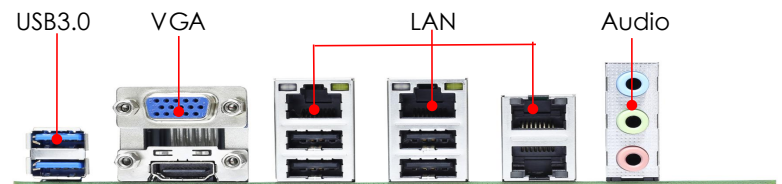
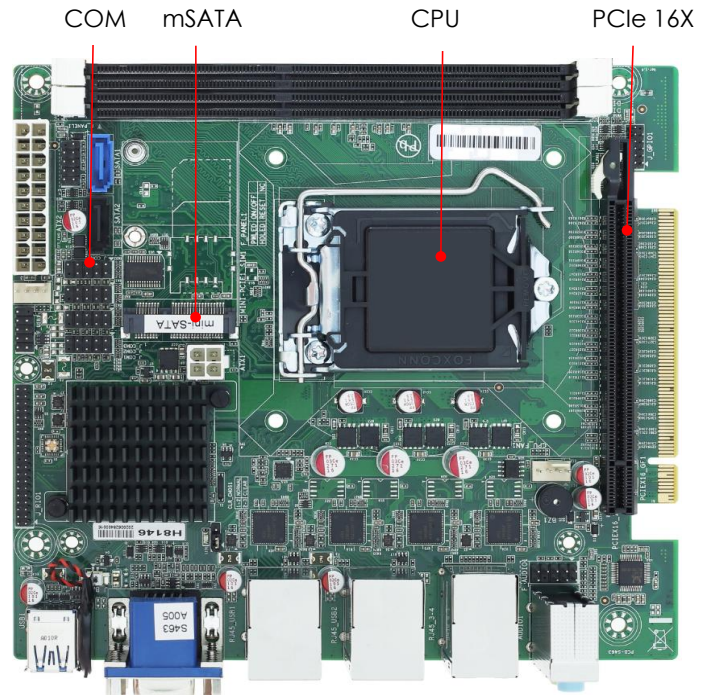


Intel H81 Mini-ITX Support 4<sup>th</sup> Intel Core i3/i5/i7/Pentium/Celeron Processor w/HDMI/VGA/4GbE/6COM/8USB/HDA

## Specification

|                |                                |   |
|----------------|--------------------------------|---|
| Processor      | CPU                            | 4 <sup>th</sup> Intel Core i3/i5/i7/Pentium /Celeron Processor(Max 84W) |
|                | Socket                         | LGA1150   |
|                | Chipset                        | Intel H81 PCH   |
|                | BIOS                           | AMI UEFI  |
| DRAM           | Technology                     | DDR3 1600MHz  |
|                | Capacity                       | 16GB  |
|                | Socket                         | 2 x 240-Pin DIMM  |
| Display        | Graphics                       | Intel HD Graphics   |
|                | Graphics Memory                | Share System memory up to 1.7GB SDRAM                                   |
|                | HDMI                           | 1, Up to 4096 x 2304@24Hz   |
|                | VGA                            | 1, Up to 1920 x 1200@60Hz   |
|                | LVDS                           | N/A   |
|                | Mult-Display                   | 2 Independent displays  |
| LAN            | 4 x Intel GbE (i210-AT)        |   |
| Audio          | Realtek ALC662 5.1 Channel     |   |
| Watchdog       | Programmable from 1 to 255 Sec |   |
| Storage        | SATA                           | 1 x SATA3.0 + 1 x SATA2.0   |
|                | mSATA                          | 1 (SATA+4G/3G)  |
|                | M.2                            | N/A   |
| I/O            | Serial                         | 6 x COM<br>(COM1/2 RS232/422/485)<br>(COM5/6 TTL)                       |
|                | USB                            | 2 x USB3.0 + 6 x USB2.0   |
|                | GPIO                           | 4 - In , 4 - Out  |
| Expansion Slot | PCIe x16                       | 1 (Ver:3.0)   |
|                | PCIe x16 Gold Finger           | 1(2 x PCIe X1+1 x USB2.0 +PCIe X16)                                     |
|                | Mini PCIe                      | 1 ( 4G/3G)  |
| Power          | Type                           | ATX   |
| Form Factor    | 170mm x 180mm (W x D)          |   |
| Environment    | Operation Temp & Humidity      | 0~60°C/10~90%<br>Non-condensing   |
|                | Storage Temp & Humidity        | -40~80°C/10~90%<br>Non-condensing                                       |
| Certification  | EMC                            | CE / FCC  |



## Packing List

| P/N       | Spec.             |
|-----------|-------------------|
| 920312322 | 1pcs x SATA Cable |
| 920700000 | 1pcs x USB Cable  |
| /         | 1pcs x IO Shield  |

## Ordering Information

|       |  |
|-------|--|
| P/N   | 128635101  |
| Model | SYS86351V4GA   |
| Spec. | Intel H81 Mini-ITX support 4 <sup>th</sup> Intel Core i3/i5/i7/Pentium/Celeron w HDMI/VGA/4GbE/6COM/8USB |