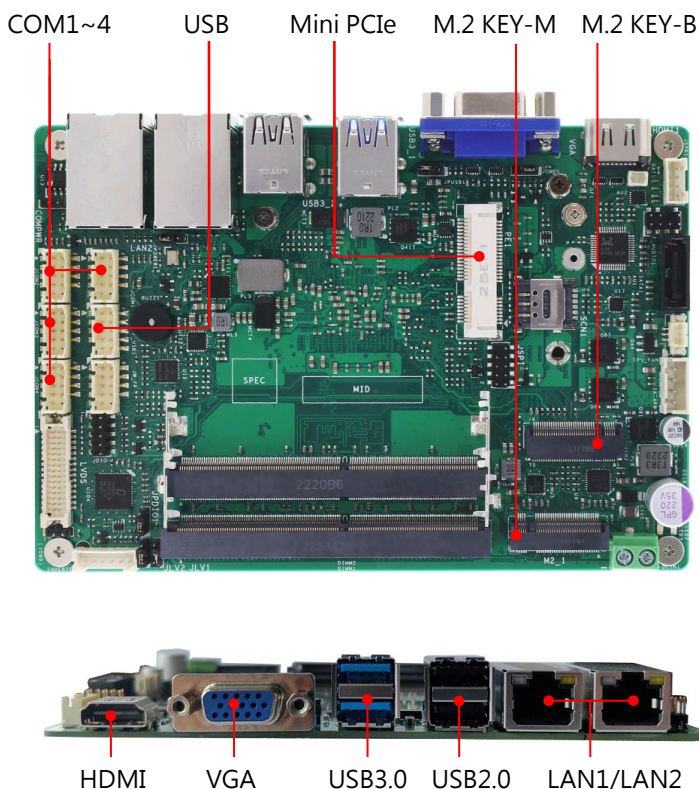


## Specification

Intel x6413E w /VGA/HDMI/LVDS/2GbE/2\*USB3.0/4\*USB2.0/M.2/4COM/DC9-24V

|                  |                                               |                                                                               |
|------------------|-----------------------------------------------|-------------------------------------------------------------------------------|
| Processor        | CPU                                           | x6413E (4C/4T )                                                               |
|                  | Frequency                                     | 1.50GHz                                                                       |
|                  | Burst Frequency                               | 3.00GHz                                                                       |
|                  | TDP                                           | Up to 9W                                                                      |
|                  | BIOS                                          | AMI UEFI                                                                      |
| DRAM             | Technology                                    | DDR4 3200MHz                                                                  |
|                  | Capacity                                      | 32GB ( Max )                                                                  |
|                  | Socket                                        | 2 x 260 PIN SO-DIMM slot                                                      |
| Display          | Graphics                                      | Intel UHD Graphics for 10th Gen Intel Processors                              |
|                  | Graphics                                      | Share System memory up to                                                     |
|                  | VGA                                           | 1                                                                             |
|                  | HDMI                                          | 1                                                                             |
|                  | LVDS                                          | 1, 24bit Dual Channel                                                         |
| Multiple Display | Two Independent or three Independent displays |                                                                               |
|                  |                                               |                                                                               |
| LAN              | 2 x Intel LAN (I226-IT )                      |                                                                               |
| Audio            | Realtek ALC897 with Mic/Line-out              |                                                                               |
| Watchdog         | 1 ~255 Watchdog Times                         |                                                                               |
| Storage          | SATA                                          | 1 x SATA3.0 (6Gb/s)                                                           |
|                  | M.2                                           | 1 x M.2 Key-M Slot (PCIe x2 NVMe/ 2242/2280),                                 |
|                  |                                               | If M.2 KEY-B is used, M.2 KEY M only supports 2280                            |
| I/O              | COM Port                                      | 4 x RS232 (COM1/2 support RS232/422 /485, COM1 Pin9 supports RI/5V/12V Power) |
|                  | USB                                           | 2 x USB3.0 + 4 x USB2.0                                                       |
|                  | GPIO                                          | 4 x In , 4-Out                                                                |
|                  | PS/2                                          | 1                                                                             |
|                  | SIM                                           | 1                                                                             |
| Expansion Slot   | M.2                                           | 1 x M.2 Key-B Slot (3042/3052, PCIe + USB3.0 + USB2.0, support 4G/5G)         |
|                  | Mini PCIe                                     | Mini PCIe                                                                     |
|                  |                                               |                                                                               |
| Power            | DC-In                                         | DC 9 ~24V Input                                                               |
|                  | DC-Out                                        | Support 2.5"or 3.5" HDD(5V/12V)                                               |
| Form Factor      | 146mm x 102mm (3.5")                          |                                                                               |
| Environment      | Operation Temp &                              | -40 ~85°C                                                                     |
|                  | Humidity                                      | /10 ~90%, non-condensing                                                      |
|                  | Storage Temp & Humidity                       | -40 ~85°C /10 ~90%, non-condensing                                            |
| Certification    | EMC                                           | CE / FCC                                                                      |
| O.S              | Windows 10 64Bit /Linux Kernel 5.4+           |                                                                               |



## Packing List

| P/N       | Spec.                          |
|-----------|--------------------------------|
| 920609013 | 4pcs * PHD 2.00mm COM Cable    |
| 920700201 | 1pcs * PHD 2.00mm USB2.0 Cable |
| 920312322 | 1pcs * SATA Cable              |
| /         | 1pcs * Audio Cable             |

## Ordering Info

| P/N       | Model            | Spec.                                                                 |
|-----------|------------------|-----------------------------------------------------------------------|
| 128F39902 | SYS8F399VGGA-OME | Intel x6413E, w/VGA/HDMI/ LVDS/2GbE/2USB3.0/4USB2.0 /M.2/4COM/DC9-24V |