

[GLKV62W]

[User's Manual]



六联智能
SIXUNITED

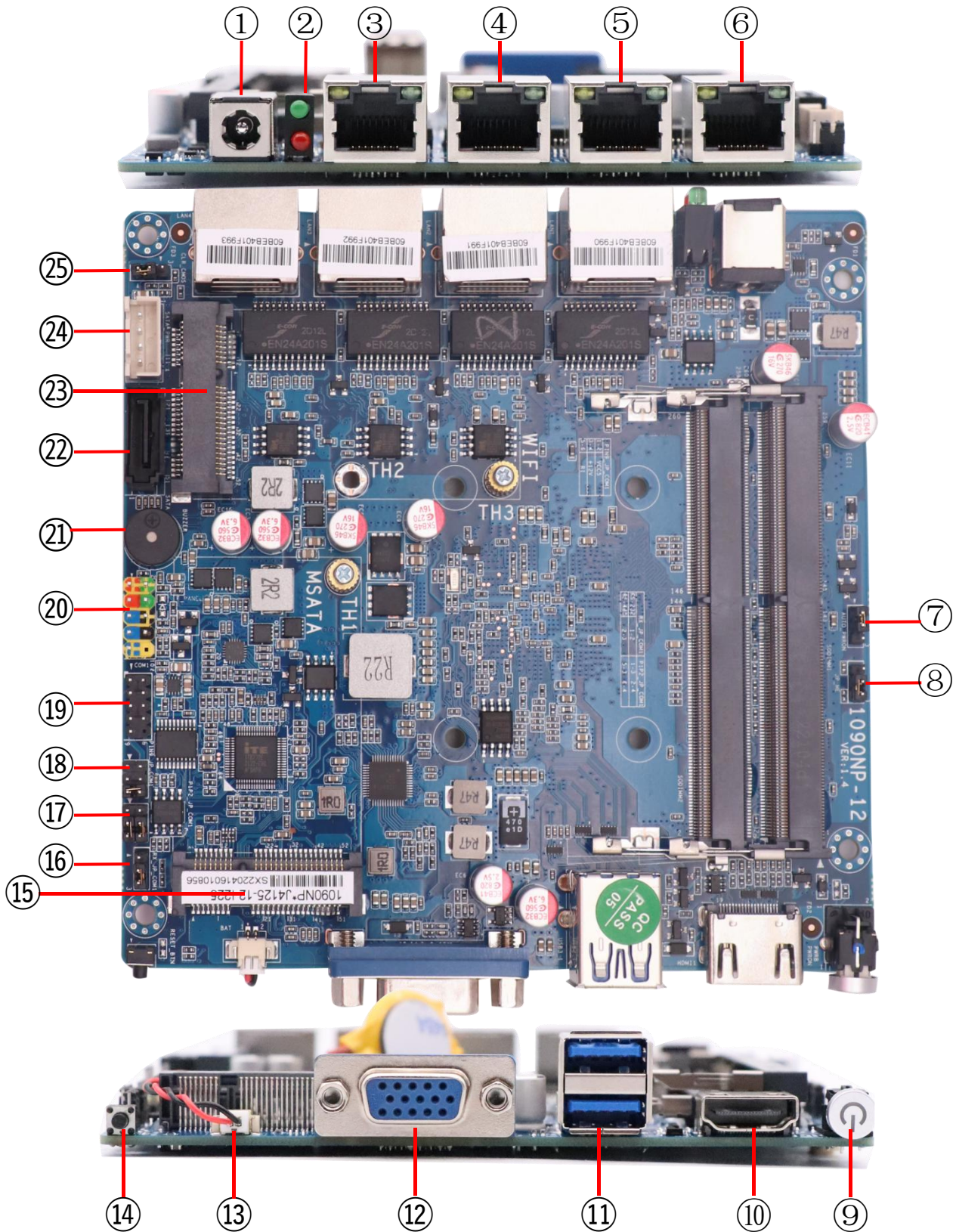
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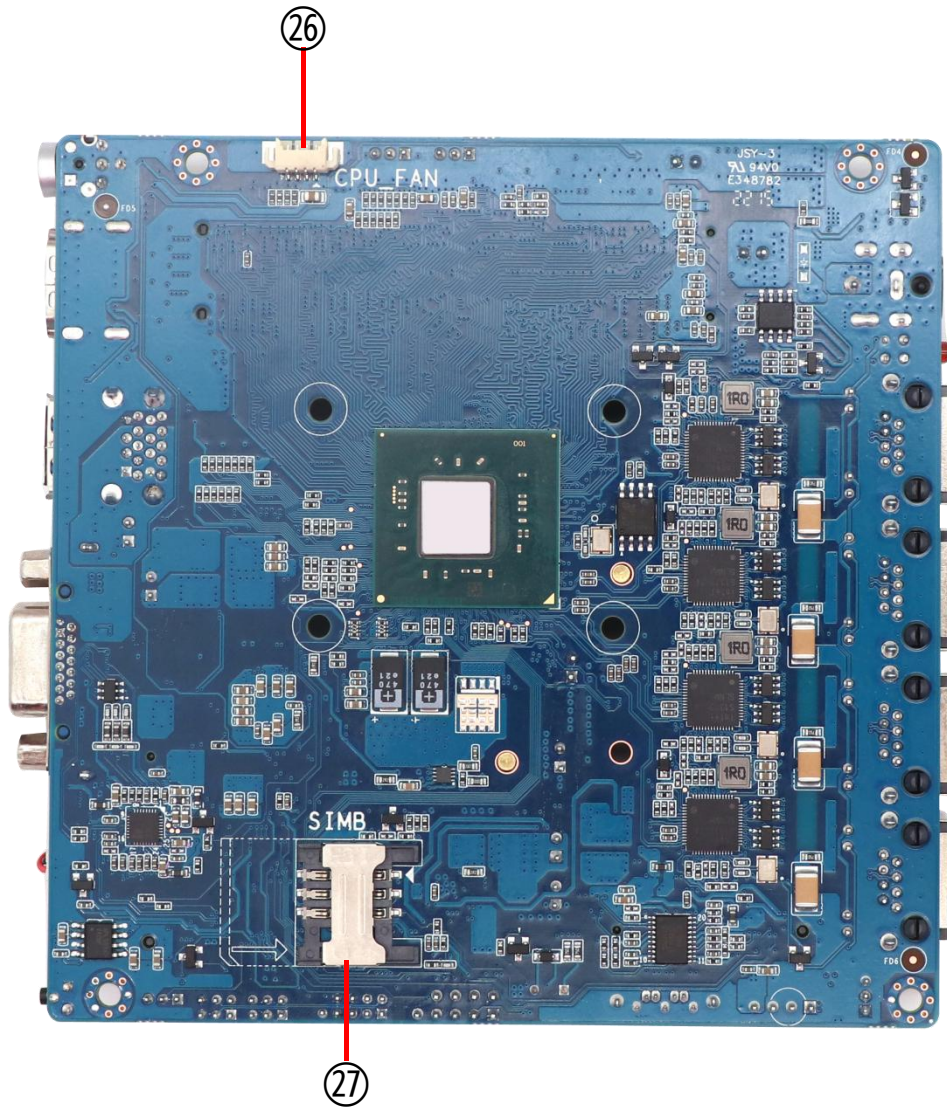
1. Specifications

| | |
|-------------------|---|
| Model | GLKV62W |
| CPU | Support Intel Gemini Lake CPU GLKV62W-SKU#?:J4125/4C/4T/Burst Freq 2.7 Ghz/TDP up to 10W |
| Memory | 2*DDR4 SO-DIMM, up to 8GB |
| Graphics | 1*HDMI 1.4b, Maximum resolution 4096x2160@30Hz 1*VGA, Maximum resolution 1920x1200@60Hz |
| Storage | 1*SATA3.0 1*MSATA |
| LAN | 4*Intel I226 2.5GB LAN (or I211 1000M LAN) |
| Serial Port | 1* COM |
| USB | 2*USB3.1 Gen1 |
| Rear IO | 1*DC_IN 12V 1*PWR LED 4*RJ45 LAN |
| Front I/O | 1*2 Layer USB 3.1 Gen1 1*VGA 1*HDMI 1*RESET_BTN 1*PWRON |
| Internal I/O | 1*MINI-PCIE 1*MSATA 1*SATA 1*SATA POWER 1*12V CPU FAN 1*AUTO_PWRON 1*JP_ME Jumper 1*SIM Carder 1*RX_JP_COM1 1*P1P2_JP_COM1 1*PIN9_JP_COM1 1*COM 1*F_PANEL 1*CLR_CMOS |
| Size | 120mm *120mm |
| Temperature | Operation: -10~60°C, Storage: -40~85°C |
| Relative Humidity | Operation: 10~90%, Storage: 5~95% |
| Power Input | DC 12V |

2. Locations



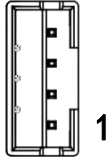
2. Locations




| Locations | | |
|-----------|--------------|--|
| 1 | DC_IN | DC IN 12V |
| 2 | PWR_LED | HDD & PWR LED |
| 3 | LAN1 | LAN |
| 4 | LAN2 | LAN |
| 5 | LAN3 | LAN |
| 6 | LAN4 | LAN |
| 7 | AUTO_PWRON | AUTO_PWRON[1-2] Default |
| 8 | JP_ME | JP_ME[2-3] Default, NOMEL |
| 9 | PWRON | Power on button |
| 10 | HDMI | HDMI |
| 11 | USB3_1 | 2*Layer USB3.0 |
| 12 | VGA | VGA |
| 13 | BAT | BAT |
| 14 | RESET_BTN | System reset button |
| 15 | MSATA | MSATA |
| 16 | RX_JP_COM1 | COM1 RS232/RS485 mode selection jumper |
| 17 | P1P2_JP_COM1 | COM1 RS232/RS485 mode selection jumper |
| 18 | PIN9_JP_COM1 | COM1 PIN9 RI/5V/12V selection jumper |
| 19 | COM1 | COM |
| 20 | F_PANEL1 | F_PANEL |
| 21 | BUZZER | BUZZER |
| 22 | SATA | SATA |
| 23 | MINI-PCIE | MINI-PCIE |
| 24 | SATA_PWR | SATA PWR |
| 25 | CLR_CMOS | CLR_CMOS[1-2] Default |
| 26 | CPU_FAN | CPU_FAN |
| 27 | SIM | SIM |

3. Connector and Jumper Setting


1) SATA_PWR(wafer 1*4 2.54mm)

| Graphic | PIN | Define |
|---|-----|--------|
|  | 1 | +12V |
| | 2 | GND |
| | 3 | GND |
| | 4 | +5V |


2) JP_ME(header 1*3 2.00mm)

| Graphic | Setting | Function |
|---|--------------|----------|
|  | 1-2 | ME |
| | 2-3(Default) | Normal |


3) CPU_FAN(wafer 1*4 1.25mm)

| Graphic | PIN | Define |
|---|-----|---------|
|  | 1 | GND |
| | 2 | +V12V |
| | 3 | FAN_TAC |
| | 4 | FAN_CTL |

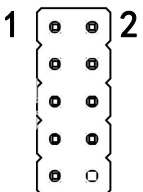
4) AUTO_PWRON(header 1*3 2.00mm)

| Graphic | Setting | Function |
|---|--------------|----------|
|  | 1-2(Default) | AT Mode |
| | 2-3 | ATX Mode |


5) CLR_CMOS(header 1*3 2.00mm)

| Graphic | Setting | Function |
|---|--------------|------------|
|  | 1-2(Default) | Normal |
| | 2-3 | Clear CMOS |

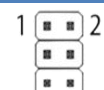
6) F_PANEL1(header 2*5 2.00mm)

| Graphic | PIN | Define | PIN | Define |
|---|-----|-----------|-----|----------|
|  | 1 | HDD_LED+ | 2 | PWR_LED+ |
| | 3 | HDD_LED- | 4 | GND |
| | 5 | GND | 6 | GND |
| | 7 | RERST_BTN | 8 | P_SWIN |
| | 9 | GND | 10 | NA |

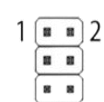
7) RX_JP_COM1(header 1*3 2.00mm)

| Graphic | Setting | Function |
|---|--------------|------------|
|  | 1-2(Default) | RS232 Mode |
| | 2-3 | RS485 Mode |

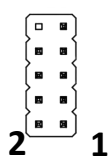
8) P1P2_JP_COM1(header 2*3 2.00mm)

| Graphic | Setting | Function |
|---|------------------|------------|
|  | 1-3 2-4(Default) | RS232 Mode |
| | 3-5 4-6 | RS485 Mode |

9) PIN9_JP_COM1(header 2*3 2.00mm)

| Graphic | Setting | Function |
|---|--------------|----------|
|  | 1-2 | +5V |
| | 3-4 | +12V |
| | 5-6(Default) | RI |

10) COM(header 2*5 2.00mm)

| Graphic | PIN | Define | PIN | Define |
|---|-----|---------------------|-----|----------------|
|  | 1 | DCD/ RS485 DATA- | 2 | RXD/ RS485+ |
| | 3 | TXD | 4 | DTR |
| | 5 | GND | 6 | DSR |
| | 7 | RTS | 8 | CTS |
| | 9 | RI | 10 | N/A |