

[JSLV53]

[User's Manual]



六联智能
SIXUNITED

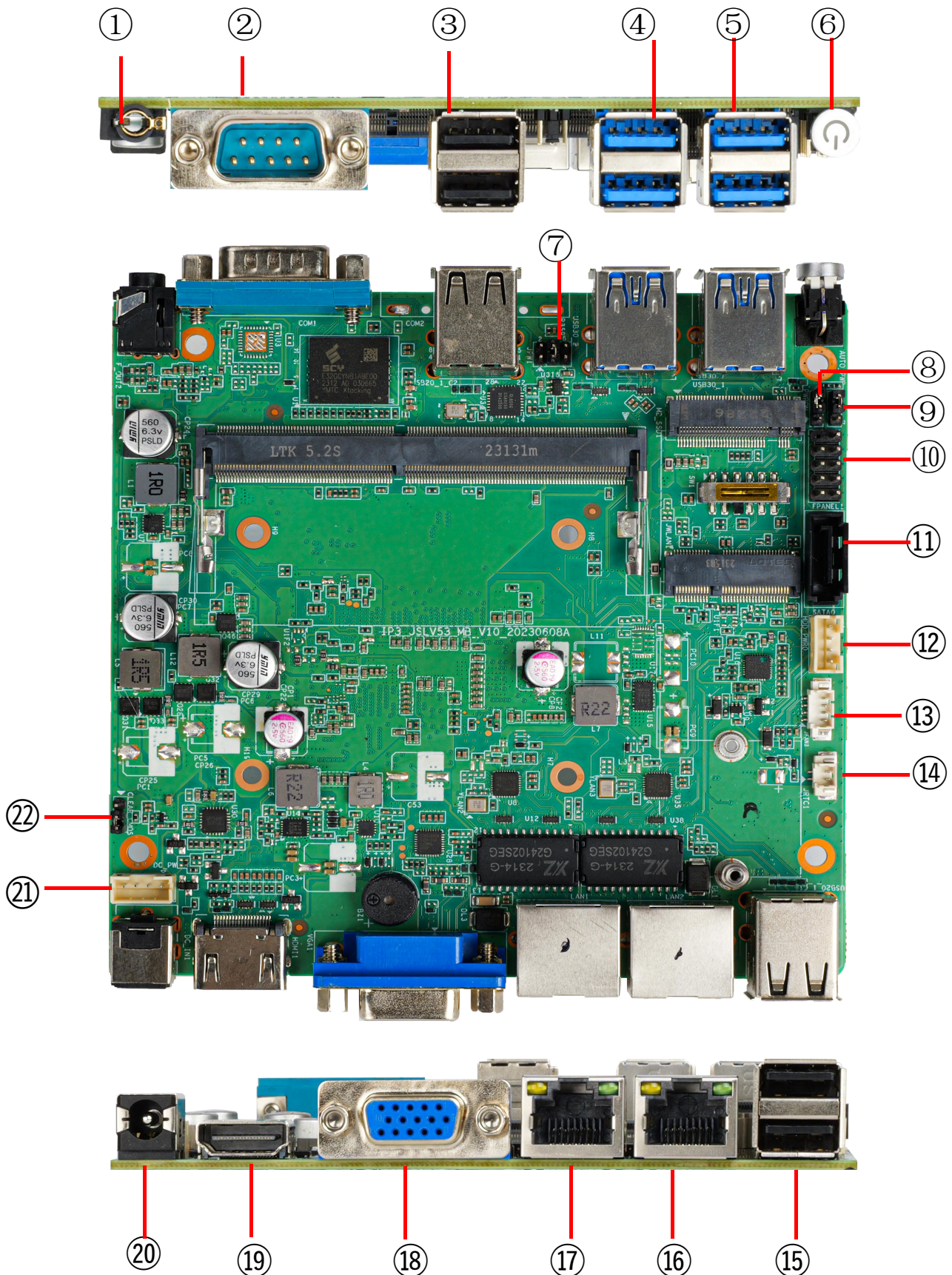
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1. Specifications

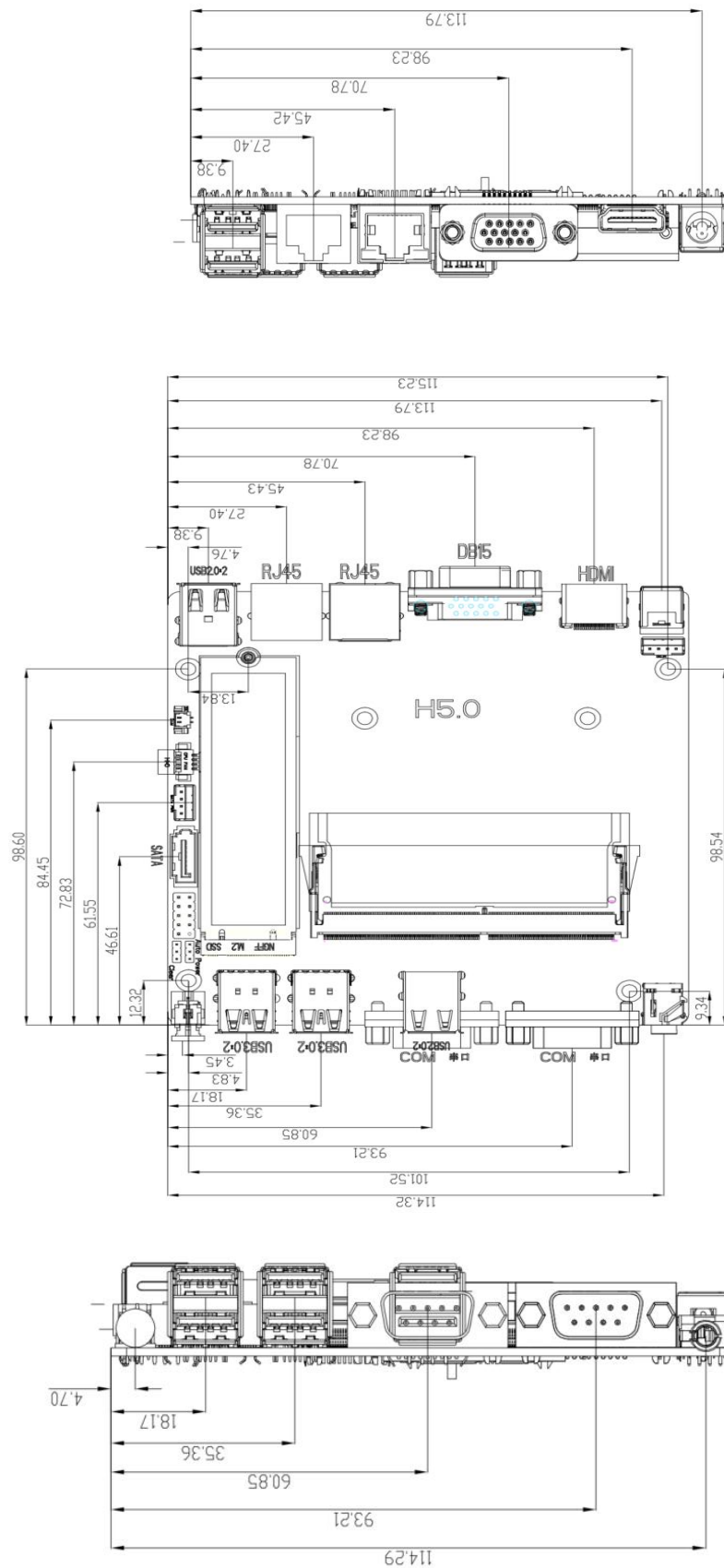
| | | |
|-------------------|---|--|
| Model | JSLV53 | |
| CPU | Support Intel Jasper Lake CPU JSLV53-SKU#1: N5095/4C/4T/Burst Freq 2.8 Ghz/TDP up to 6W JSLV53-SKU#2: N5100/4C/4T/Burst Freq 2.9 Ghz/TDP up to 15W JSLV53-SKU#3: N5105/4C/4T/Burst Freq 2.9 Ghz/TDP up to 15W JSLV53-SKU#4: N5095/4C/4T/Burst Freq 2.8 Ghz/TDP up to 6W | |
| Memory | 1*DDR4 SO-DIMM, Single Channel, Up to 16GB | |
| Graphics | 1*HDMI 2.0, Maximum resolution 4096x2160@60Hz 1*VGA, Maximum resolution 1920x1200@60Hz | |
| Storage | 1*M.2 M Key 2280 SSD,Support SATA/PCIe 1*SATA3.0 | |
| LAN | 2*Realtek RTL8111H 1000M LAN | |
| Serial Port | 2*COM,COM1~COM2 DB9,COM1 RS232/485 mode BIOS option , COM2 RS232 mode | |
| USB | 2*USB3.2 Gen2, 2*USB3.2 Gen1, 2*USB2.0(Single COM) 2*USB3.2 Gen2, 2*USB3.2 Gen1, 4*USB2.0(Dual COM) | |
| Rear IO | 1*12V 5525 DC_JACK 1*HDMI 2.0_OUT 1*VGA 2*RJ45 2*USB 2.0 | |
| Front I/O | Single COM 1*PWR Button&led 2*USB 3.2Gen2 2*USB 3.2Gen1 2*USB 2.0 1*COM | Dual COM 1*PWR Button&led 2*USB 3.2Gen2 2*USB 3.2Gen1 2*COM |
| Internal I/O | 1*M.2 2230 for WIFI&BT 1*M.2 2280 PCIe/SATA for SSD 1*SATA 3.0 1*SATA POWER 1*Front panel 1*Fan headers 1*Auto power ON/OFF Jumper 1*CLEAR CMOS 1*DC_IN | |
| 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



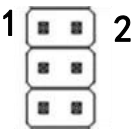
| Locations | |
|-----------|--------------------|
| 1 | Audio combo |
| 2 | COM |
| 3 | 1*2 Layer USB 2.0 |
| 4 | 1*2 Layer USB Gen1 |
| 5 | 1*2 Layer USB Gen2 |
| 6 | PWR Button&led |
| 7 | JPW1 |
| 8 | Power on |
| 9 | Auto power on |
| 10 | F_Panel |
| 11 | SATA |
| 12 | HDD POWER |
| 13 | JFAN |
| 14 | JRTC |
| 15 | 1*2 Layer USB 2.0 |
| 16 | RJ45 |
| 17 | RJ45 |
| 18 | VGA |
| 19 | HDMI |
| 20 | DC_IN |
| 21 | DC_PWR |
| 22 | CLEAR CMOS |

3. Dimension

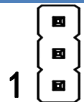


4. Connector and Jumper Setting


1) JPW1

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

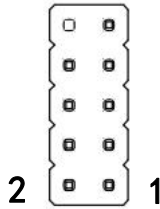
2) PWR ON

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


3) AUTO PWR ON

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

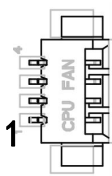
4) FPANEL

| Graphic | PIN | Define | PIN | Define |
|---|-----|-----------|-----|----------|
|  | 1 | HDLED+ | 2 | PWRLED+ |
| | 3 | HDLED- | 4 | GND |
| | 5 | GND | 6 | PWRRSW_N |
| | 7 | RERST_BTN | 8 | GND |
| | 9 | NA | | |


5) HDD POWER

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


6) CPU FAN

| Graphic | PIN | Define |
|---|-----|-----------|
|  | 1 | GND |
| | 2 | +V5S |
| | 3 | FAN1_TACH |
| | 4 | FAN1_PWM |


7) RTC

| Graphic | PIN | Define |
|---|-----|----------|
| 1  | 1 | VRTC_BAT |
| | 2 | GND |

8) CLEAR CMOS

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

9) DC_POWER

| Graphic | PIN | Define |
|--|-----|--------|
| 1  | 1 | DC_IN |
| | 2 | DC_IN |
| | 3 | GND |
| | 4 | GND |