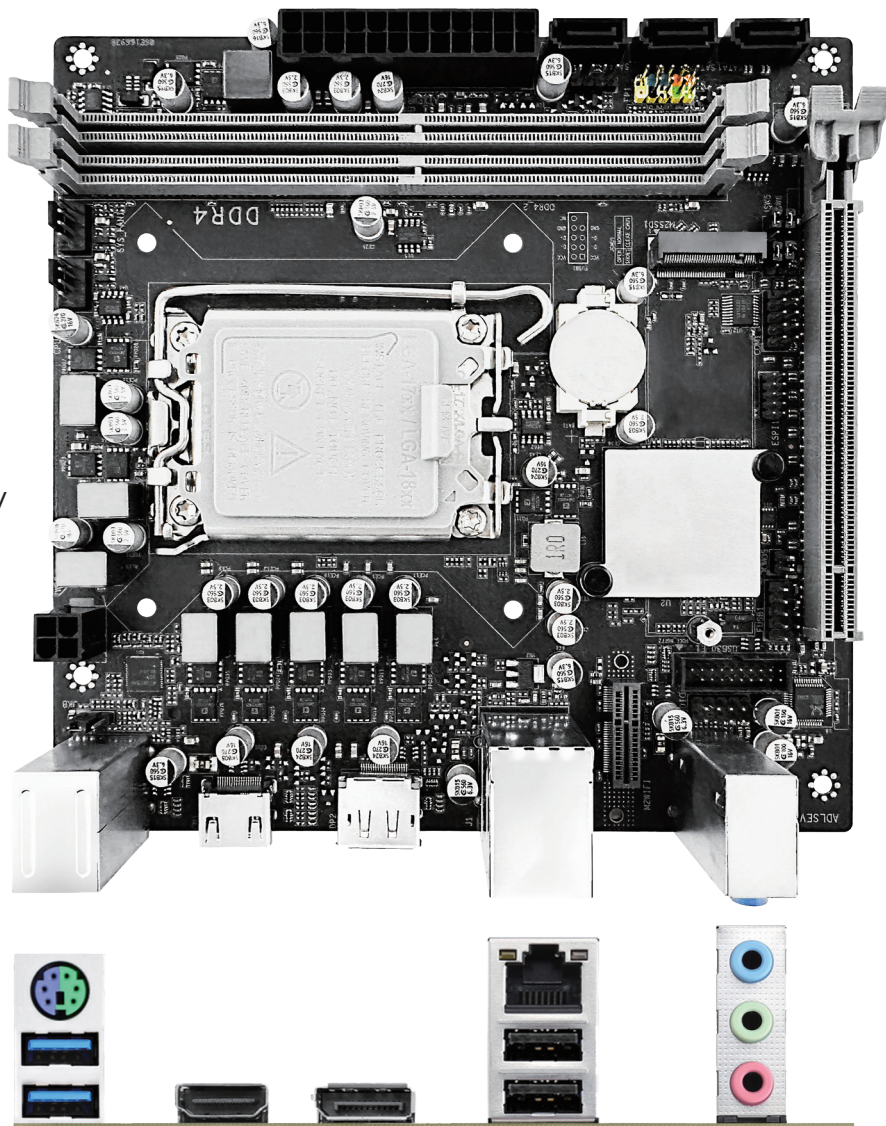


# ADLSEV10主板

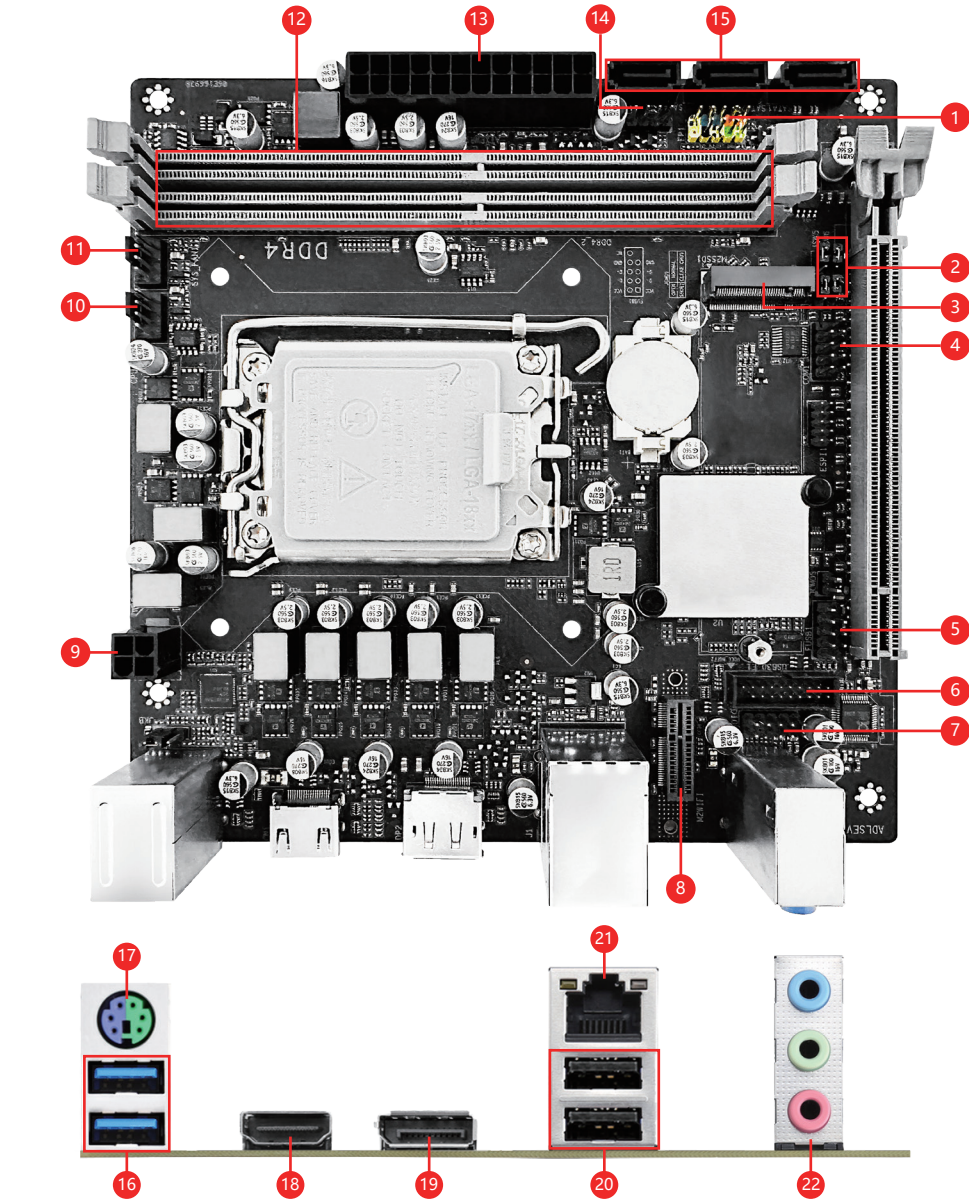
## 产品特性:

- 12/13代英特尔® 酷睿™ i3/i5/i7/i9处理器
- 支持8个USB (2\*USB3.0接口/2\*USB3.0排针/  
2\*USB2.0接口/2\*USB2.0排针)
- 支持1个LAN口 (Realtek 8111; 1Gbps/  
100Mbps以太网控制器)



ADLSEV10主板规格

|         |                                                                                                                                                                                                               |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 板型尺寸    | 170mm*170mm                                                                                                                                                                                                   |
| 处理器     | 12/13代英特尔®酷睿™ i3/i5/i7/i9处理器                                                                                                                                                                                  |
| 内存      | 支持2个UDIMM-DDR4 最大支持128GB                                                                                                                                                                                      |
| BIOS    | AMIBIOS 128Mbit 闪存                                                                                                                                                                                            |
| 内置I/O接口 | 1*Front panel排针<br>4*JSW3-JSW6跳线<br>1*COM1排针<br>1*FUSB1排针(支持2个USB2.0接口)<br>1*USB30_F1排针(支持2个USB3.0接口)<br>1*F_AUDIO排针<br>1*4Pin电源插座<br>1*CPU_FAN排针<br>1*SYS_FAN排针<br>1*24Pin电源插座<br>1*SPK排针<br>3*SATA数据接口(1-3) |
| 外置I/O接口 | 1*PS/2接口<br>2*USB3.0接口<br>1*HDMI接口<br>1*DP接口<br>2*USB2.0接口<br>1*LAN口<br>3*AUDIO接口 (1*LINE IN、1*LINE OUT、1*MIC)                                                                                                |
| 集成网卡    | 1*Realtek 8111; 1Gbps/100Mbps以太网控制器                                                                                                                                                                           |
| 扩展槽/口   | 1*M.2 SSD1插槽 / 1*M.2 WIFI1插槽                                                                                                                                                                                  |
| 操作系统    | Windows10/11, Linux                                                                                                                                                                                           |



|    |               |
|----|---------------|
| 1  | Front panel排针 |
| 2  | JSW3-JSW6跳线   |
| 3  | M.2 SSD1插槽    |
| 4  | COM1排针        |
| 5  | FUSB1排针       |
| 6  | USB30_F1排针    |
| 7  | F_AUDIO排针     |
| 8  | M.2 WIFI1插槽   |
| 9  | 4Pin电源插座      |
| 10 | CPU_FAN排针     |
| 11 | SYS_FAN排针     |
| 12 | DDR4内存槽       |
| 13 | 24Pin电源插座     |
| 14 | SPK排针         |
| 15 | SATA数据接口      |
| 16 | USB3.0接口      |
| 17 | PS/2接口        |
| 18 | HDMI接口        |
| 19 | DP接口          |

|    |          |    |                                      |
|----|----------|----|--------------------------------------|
| 20 | USB2.0接口 | 22 | AUDIO接口 (1*LINE IN、1*LINE OUT、1*MIC) |
| 21 | LAN口     |    |                                      |

# ADLSEV10主板定义

## (1) Front panel排针

| Location        | Pin | Definition          | Pin | Definition   |
|-----------------|-----|---------------------|-----|--------------|
| FP1<br>(2.54mm) | 1   | 3.3V                | 2   | Power LED    |
|                 | 3   | Hard Disk Drive LED | 4   | GND          |
|                 | 5   | Reset Switch        | 6   | Power Switch |
|                 | 7   | GND                 | 8   | GND          |
|                 | 9   | NC                  |     |              |

## (4) COM1排针

| Location         | Pin | Definition | Pin | Definition |
|------------------|-----|------------|-----|------------|
| COM1<br>(2.54mm) | 1   | NDCDA      | 2   | NSINA      |
|                  | 3   | NSOUTA     | 4   | NDTRA      |
|                  | 5   | GND        | 6   | NDSRA      |
|                  | 7   | NRTSA      | 8   | NCTSA      |
|                  | 9   | NR1A       |     |            |

## (5) FUSB排针

| Location          | Pin | Definition | Pin | Definition |
|-------------------|-----|------------|-----|------------|
| FUSB1<br>(2.54mm) | 1   | 5V_RUN     | 2   | 5V_RUN     |
|                   | 3   | USB_PN4    | 4   | USB_PN5    |
|                   | 5   | USB_PP4    | 6   | USB_PP5    |
|                   | 7   | GND        | 8   | GND        |
|                   | 9   | NC         | 10  | GND        |

## (6) USB30\_F1排针

| Location | Pin | Definition | Pin | Definition |
|----------|-----|------------|-----|------------|
| USB30_F1 | 2   |            | 1   | VBUS       |
|          | 4   | VBUS       | 3   | SSRX1-     |
|          | 6   | SSRX2-     | 5   | SSRX1+     |
|          | 8   | SSRX2+     | 7   | GND        |
|          | 10  | GND        | 9   | SSTX1-     |
|          | 12  | SSTX2-     | 11  | SSTX1+     |
|          | 14  | SSTX2+     | 13  | GND        |
|          | 16  | GND        | 15  | D1-        |
|          | 18  | D2-        | 17  | D1+        |
|          | 20  | D2+        | 19  | NC         |

## (7) F\_AUDIO排针

| Location          | Pin | Definition | Pin | Definition |
|-------------------|-----|------------|-----|------------|
| AUDIO<br>(2.54mm) | 1   | MIC1_L     | 2   | GND        |
|                   | 3   | MIC1_R     | 4   | NC         |
|                   | 5   | LINEOUT_R  | 6   | MIC1_JD    |
|                   | 7   | GND        | 8   |            |
|                   | 9   | LINEOUT_L  | 10  | LINEOUT_JD |

## (10) CPU\_FAN排针

| Location | Pin | Definition |
|----------|-----|------------|
| CPU_FAN  | 1   | GND        |
|          | 2   | +12V       |
|          | 3   | FAN_TAC    |
|          | 4   | FAN_CTL    |

## (11) SYS\_FAN排针

| Location | Pin | Definition |
|----------|-----|------------|
| SYS_FAN  | 1   | GND        |
|          | 2   | +12V       |
|          | 3   | FAN_TAC22  |
|          | 4   | FAN_CTL22  |

## (14) SPK1排针

| Location | Pin | Definition |
|----------|-----|------------|
| SPK1     | 1   | SPKOUT_L-  |
|          | 2   | SPKOUT_L+  |
|          | 3   | SPKOUT_R-  |
|          | 4   | SPKOUT_R+  |