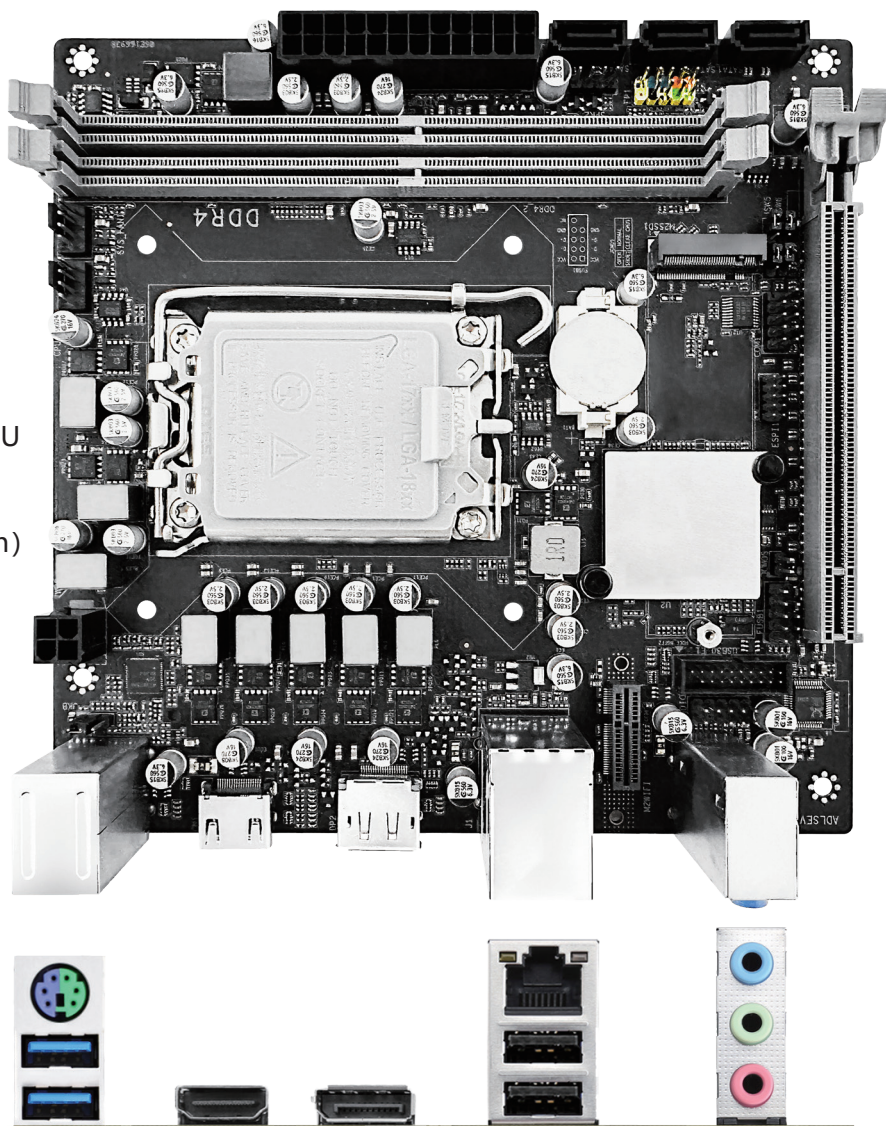


ADLSEV10 Motherboard

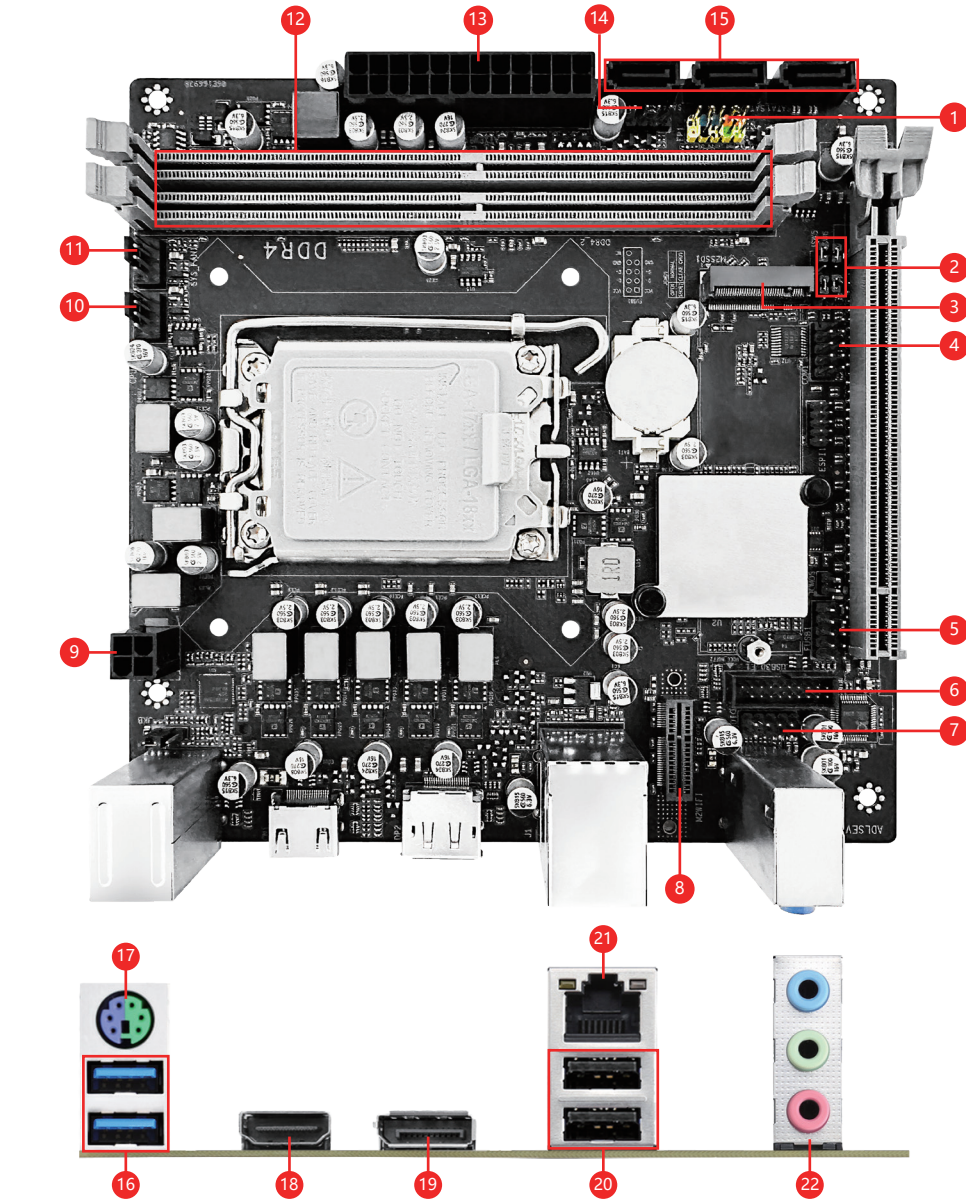
Product characteristics:

- 12/13Generation Intel®Core™ i3/i5/i7/i9 CPU
- Support 8*USB (2*USB3.0 interface/
2*USB3.0 Pin/2*USB2.0 interface/2*USB2.0 Pin)
- Support 1*LAN (Realtek 8111; 1Gbps/
100Mbps Ethernet Controller)



ADLSEV10 Motherboard Specifications

Size	170mm*170mm
CPU	12/13Generation Intel® Core™ i3/i5/i7/i9 CPU
RAM	Support 2*UDIMM-DDR4 Maximum support 128GB
BIOS	AMIBIOS 128Mbit Flash
Internal I/O	1*Front panel Pin 4*JSW3-JSW6 Jumper 1*COM1 Pin 1*FUSB1 Pin(Support 2*USB2.0 interface) 1*USB30_F1 Pin(Support 2*USB3.0 interface) 1*F_AUDIO Pin 1*4Pin power outlet 1*CPU_FAN Pin 1*SYS_FAN Pin 1*24Pin power outlet 1*SPK Pin 3*SATA Data interface(1-3)
Rear I/O	1*PS/2 interface 2*USB3.0 interface 1*HDMI interface 1*DP interface 2*USB2.0 interface 1*LAN interface 3*AUDIO interface (1*LINE IN、1*LINE OUT、1*MIC)
LAN	1*Realtek 8111; 1Gbps/100Mbps Ethernet Controller
Expansion slot	1*M.2 SSD1 slot / 1*M.2 WIFI1 slot
Operating System	Windows10/11, Linux



1	Front panel Pin
2	JSW3-JSW6 Jumper
3	M.2 SSD1 slot
4	COM1 Pin
5	FUSB1 Pin
6	USB30_F1 Pin
7	F_AUDIO Pin
8	M.2 WIFI1 slot
9	4Pin power outlet
10	CPU_FAN Pin
11	SYS_FAN Pin
12	DDR4 slot
13	24Pin power outlet
14	SPK Pin
15	SATA Data interface
16	USB3.0 interface
17	PS/2 interface
18	HDMI interface
19	DP interface

20	USB2.0 interface	22	AUDIO interface (1*LINE IN、1*LINE OUT、1*MIC)
21	LAN interface		

ADLSEV10 Mainboard Definition

(1) Front panel Pin

Location	Pin	Definition	Pin	Definition
FP1 (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 Pin

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

(5) FUSB Pin

Location	Pin	Definition	Pin	Definition
FUSB1 (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 Pin

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 Pin

Location	Pin	Definition	Pin	Definition
AUDIO (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 Pin

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

(11) SYS_FAN Pin

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

(14) SPK1 Pin

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