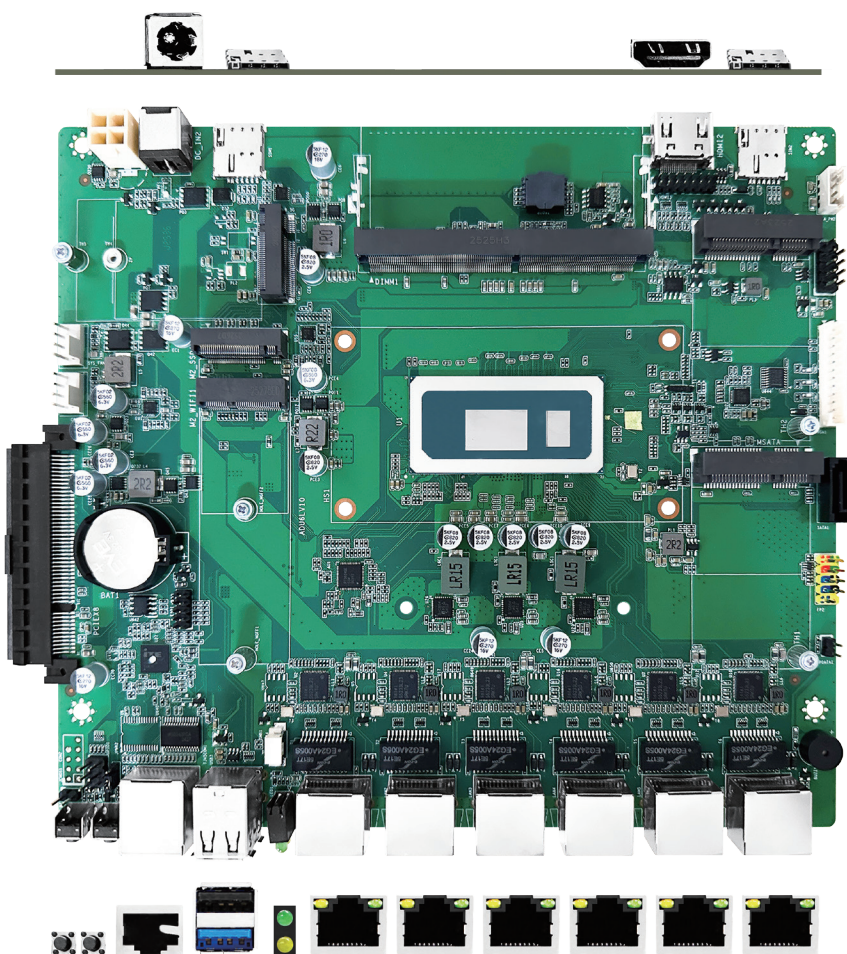


ADU6LV10 Mainboard

Product characteristics:

- Intel® Core™ i3-1215U Processor
- Support 4*USB(2*USB2.0 Pin/
1*USB2.0 interface/1*USB3.0 interface)
- Support 6*LAN(Intel I226-V,2.5Gbps/
1Gbps/100Mbps Ethernet Controller)



ADU6LV10 Motherboard Specifications

Size	200mm*180mm
CPU	Intel® Core™ i3-1215U Processor
RAM	Support 1*DDR4 3200Mhz, Maximum support 32GB
BIOS	AMIBIOS 64Mbit Flash
Internal I/O	1*Front panel Pin 1*UPDATA Pin 1*GPIO Pin 1*SMB1 Pin 1*CPU_FAN Pin 1*SYS_FAN Pin 1*4Pin Power outlet 1*HDMI Pin 1*JSATA Power supply interface 1*FUSB1 Pin(Support 2*USB2.0 interface) 1*VGA1 Pin 1*SATA Data interface
Rear I/O	1*DC 12V interface 2*SIM Card slot (1/2) 1*HDMI interface 1*TJ45COM1 interface 1*USB3.0 interface 1*USB2.0 interface 6*LAN interface
LAN	6*Intel I226-V 2.5Gbps/1Gbps/100Mbps Ethernet Controller
Expansion slot	1*PCIE X8 slot / 1*M.2 SSD slot / 1*M.2 WIFI slot / 1*KEY_B_5G slot 1*MINI PCIE slot(4G) / 1*MINI PCIE slot(MSATA)
StatusDisplay TM	It can be equipped with a small screen display module to display the CPU temperature and CPU fan speed in real time
Operating System	Windows10/11, Linux

PRODUCT SPECIFICATIONS

Diagram illustrating the product specifications and components of the device, numbered 1 through 31:

- 1 Front panel Pin
- 2 UPDATA Pin
- 3 Buzzer
- 4 GPIO Pin
- 5 SMB1 Pin
- 6 PCIE X8 slot
- 7 CPU_FAN Pin
- 8 SYS_FAN Pin
- 9 4Pin Power outlet
- 10 M.2 SSD1 slot
- 11 M.2 WIFI1 slot
- 12 KEY_B_5G slot
- 13 DDR4 slot
- 14 HDMI Pin
- 15 JSATA Power supply interface
- 16 MINI PCIE slot(4G)
- 17 FUSB1 Pin
- 18 VGA1 Pin
- 19 MINI PCIE slot(MSATA)
- 20 SATA Data interface
- 21 DC 12V interface
- 22 SIM1 Card slot
- 23 HDMI interface
- 24 SIM2 Card slot
- 25 RST_BT (Restart)
- 26 POWER_BT (Switch)
- 27 TJ45COM1 interface
- 28 USB3.0 interface
- 29 USB2.0 interface
- 30 LED Indicator light
- 31 LAN interface

22	SIM1 Card slot	27	TJ45COM1 interface
23	HDMI interface	28	USB3.0 interface
24	SIM2 Card slot	29	USB2.0 interface
25	RST_BT (Restart)	30	LED Indicator light
26	POWER_BT (Switch)	31	LAN interface

ADU6LV10 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) GPIO Pin

Location	Pin	Definition	Pin	Definition
GPIO (2mm)	1	+V3.3S	2	
	3	PCH_GPIO2	4	PCH_GPIO3
	5	PCH_GPIO4	6	PCH_GPIO5

(7) CPU_FAN Pin

Location	Pin	Definition
CPU_FAN1	1	GND
	2	+12V
	3	FAN_TAC
	4	FAN_CTL

(8) SYS_FAN Pin

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

(14) HDMI Pin

Location	Pin	Definition	Pin	Definition
HDMI (2mm)	1	DDI1_TXP0	2	HDMIC_SCL
	3	DDI1_TXN0	4	HDMIC_SDA
	5	DDI1_TXP1	6	NC
	7	DDI1_TXN1	8	HDMIC_HPD_SINK
	9	DDI1_TXP2	10	DDC_5V
	11	DDI1_TXN2	12	GND
	13	DDI1_TXP3	14	GND
	15	DDI1_TXN3	16	GND

(17) 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