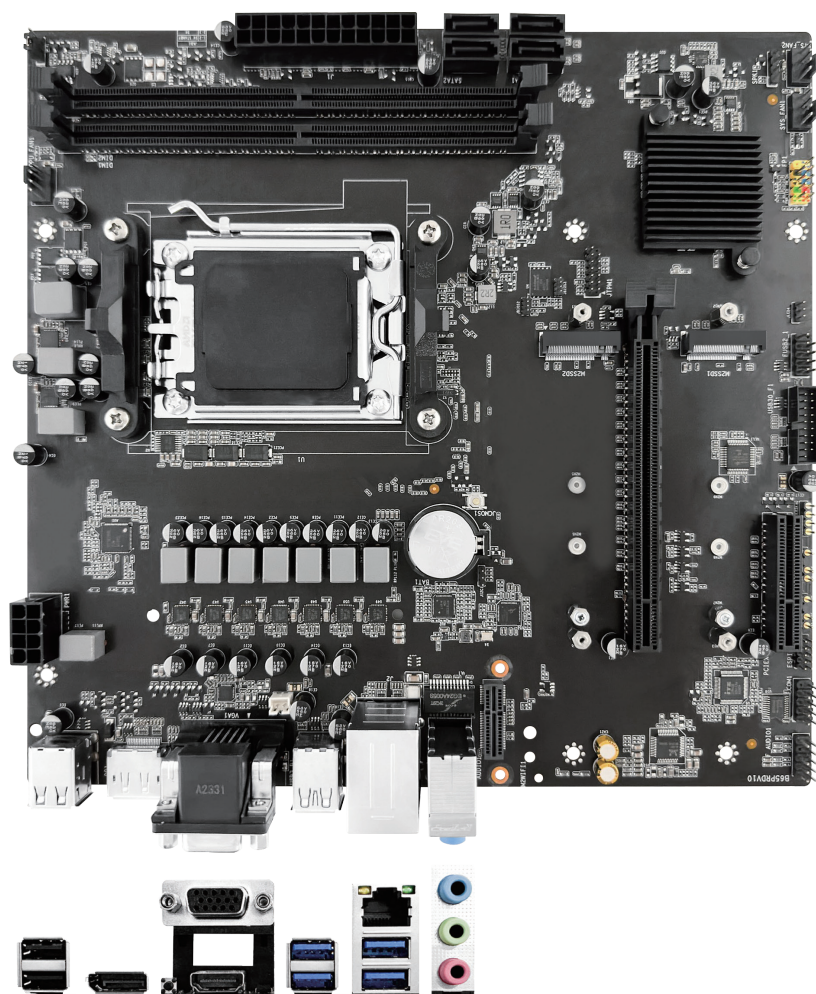


B65PRDV10 Mainboard

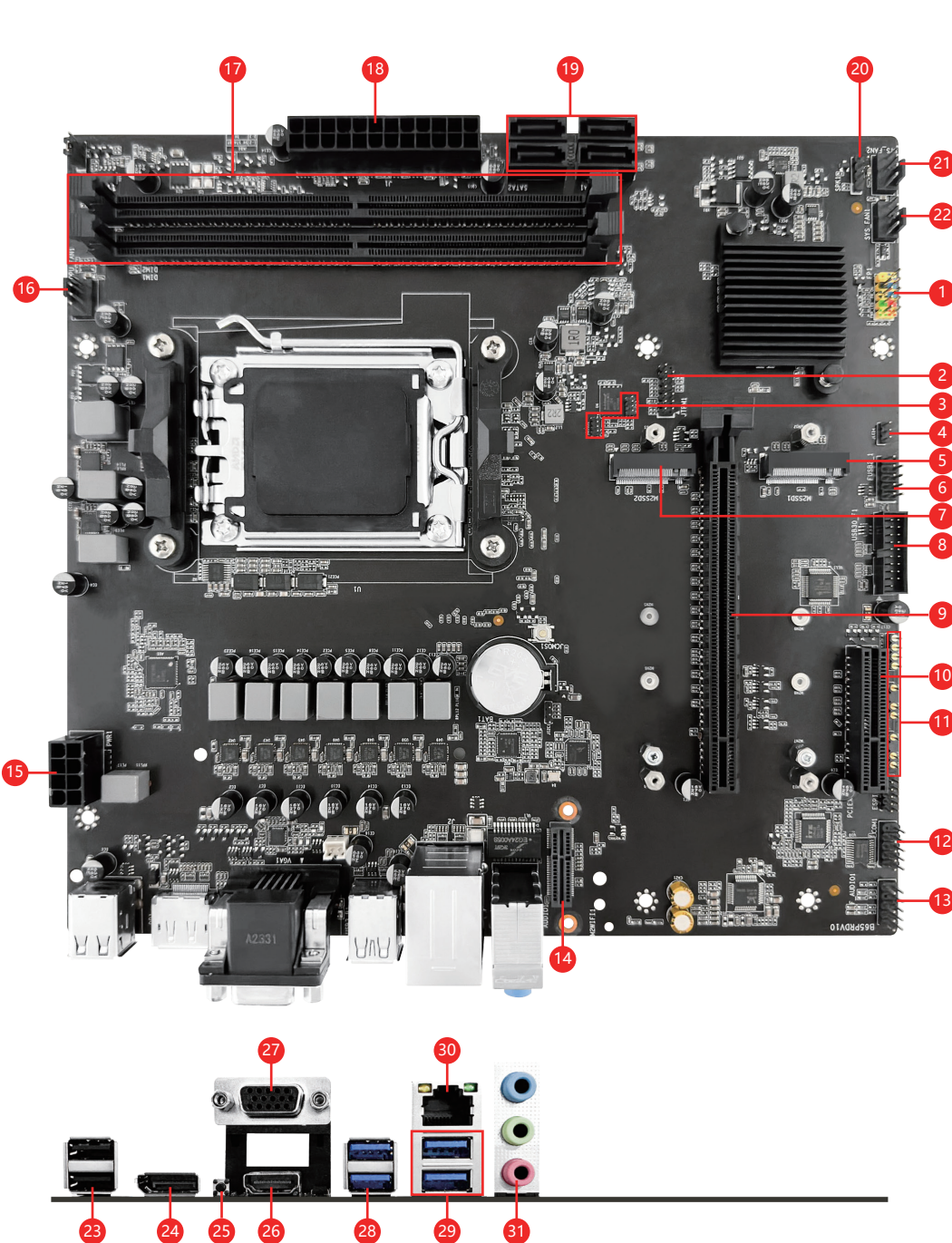
Product characteristics:

- Support Adapts to the motherboard AM5 slot AMD Ryzen 7000/8000 CPU
- Support 10*USB(2*USB2.0 Pin/2*USB2.0 interface/ 2*USB3.0 Pin/4*USB3.0 interface)
- Support 1*LAN(Realtek 8125; 2.5Gbps/ 1Gbps/100Mbps Ethernet Controller)



B65PRDV10 Motherboard Specifications

Size	235mm*225mm
CPU	Support Adapts to the motherboard AM5 slot AMD Ryzen 7000/8000 CPU
RAM	Support 2*DDR5, Maximum support 96GB
BIOS	AMIBIOS 128Mbit Flash
Internal I/O	1*Front panel Pin 1*JTPM1 Pin 2*JBIOS Pin 4*JLED1-4 Pin 1*FUSB2 Pin(Support 2*USB2.0 interface) 1*USB30_F1 Pin(Support 2*USB3.0 interface) 1*COM1 Pin 1*AUDIO Pin 1*8Pin Power outlet 1*CPU_FAN Pin 1*24Pin Power outlet 4*SATA Data interface 1*SPK Pin 2*SYS_FAN1-2 Pin
Rear I/O	2*USB2.0 interface 1*DP interface 1*HDMI interface 1*VGA interface 4*USB3.0 interface 1*LAN interface 3*AUDIO interface (1*LINE IN、1*LINE OUT、1*MIC)
LAN	1*Realtek 8125; 2.5Gbps/1Gbps/100Mbps Ethernet Controller
Expansion slot	1*PCIE x16 slot(Support PCIe 4.0 x4 specs)/1*PCIE 4.0 x4 slot/ 2*M.2 SSD slot / 1*M.2 WIFI slot
Operating System	Windows10/11; Ubuntu; CentOS



The diagram shows a top-down view of a computer motherboard with various components labeled with red numbers 1 through 31. The components include front panel pins, JTPM1 pin, JBIOS2-3 pins, JLED4 pin, M.2 SSD1 and SSD2 slots, FUSB2 pin, M.2 WIFI slot, 8Pin Power outlet, CPU_FAN pin, DDR5 Memory slots, 24Pin Power outlet, SATA Data interface, SPK pin, SYS_FAN2 pin, SYS_FAN1 pin, USB2.0 and USB3.0 interfaces, DP, Clear CMOS, HDMI, and VGA interfaces, and an audio interface.

1	Front panel Pin
2	JTPM1 Pin
3	JBIOS2-3 Pin
4	JLED4 Pin
5	M.2 SSD1 slot
6	FUSB2 Pin
7	M.2 SSD2 slot
8	USB30_F1 Pin
9	PCIE x16 slot
10	PCIE 4.0 x4 slot
11	JLED1-3 Pin
12	COM1 Pin
13	AUDIO Pin
14	M.2 WIFI slot
15	8Pin Power outlet
16	CPU_FAN Pin
17	DDR5 Memory slots
18	24Pin Power outlet
19	SATA Data interface
20	SPK Pin
21	SYS_FAN2 Pin
22	SYS_FAN1 Pin

23	USB2.0 interface	28	USB3.0 interface
24	DP interface	29	USB3.0 interface
25	Clear CMOS button	30	LAN interface
26	HDMI interface	31	AUDIO interface (1*LINE IN、1*LINE OUT、1*MIC)
27	VGA interface		

B65PRDV10 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		

(2) JTPM Pin

Location	Pin	Definition	Pin	Definition
JTPM (2.0mm)	1	NC	2	NC
	3	NC	4	+3.3V
	5	SPI_MISO	6	NC
	7	NC	8	SPI_CLK
	9	GND	10	SPI_MOSI
	11	SPI_CS	12	PLTRST
	13		14	GPP_E01

(6) FUSB2 Pin

Location	Pin	Definition	Pin	Definition
FUSB2 (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

(12) 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		

(13) 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	空PIN
	9	LINEOUT_L	10	LINEOUT_JD
	11	SPKOUT_R+	12	SPKOUT_L+
	13	SPKOUT_R-	14	SPKOUT_L-

(16) CPU_FAN Pin

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

(21) SPK1 Pin

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

(22/23) SYS_FAN1/2 Pin

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