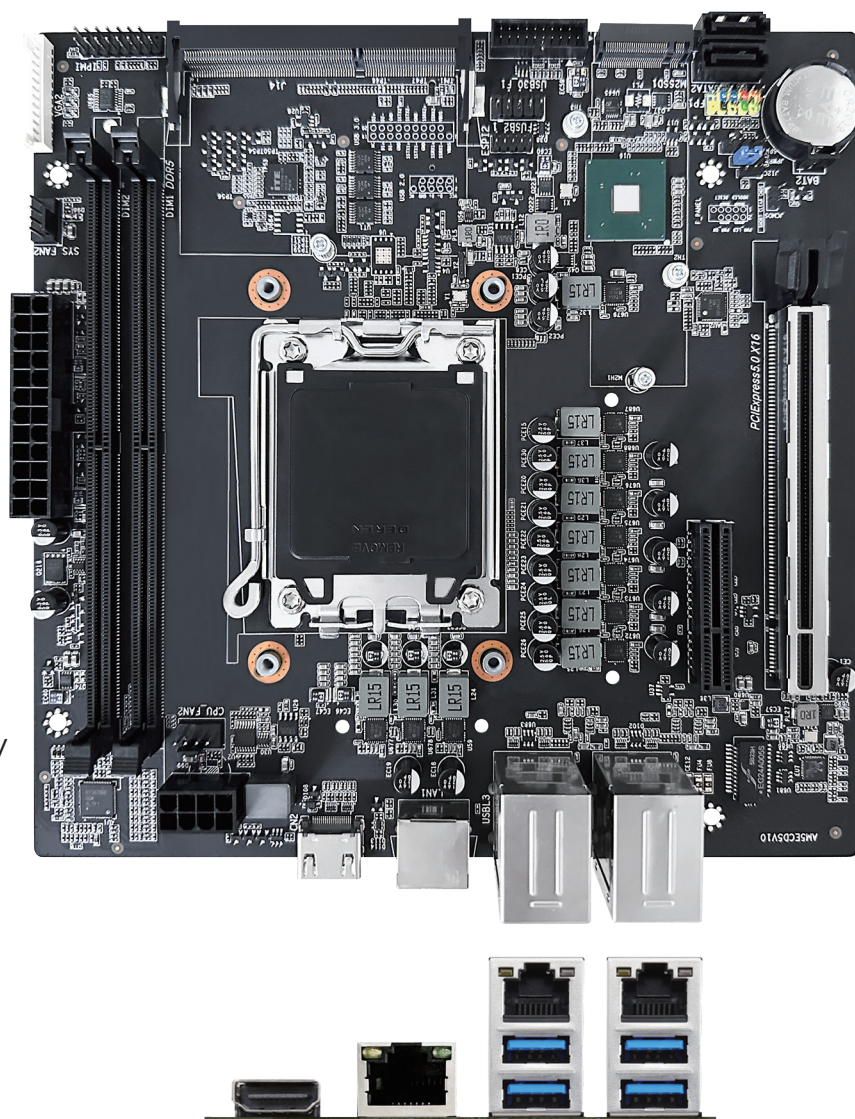


AM5ECD5V10 Motherboard

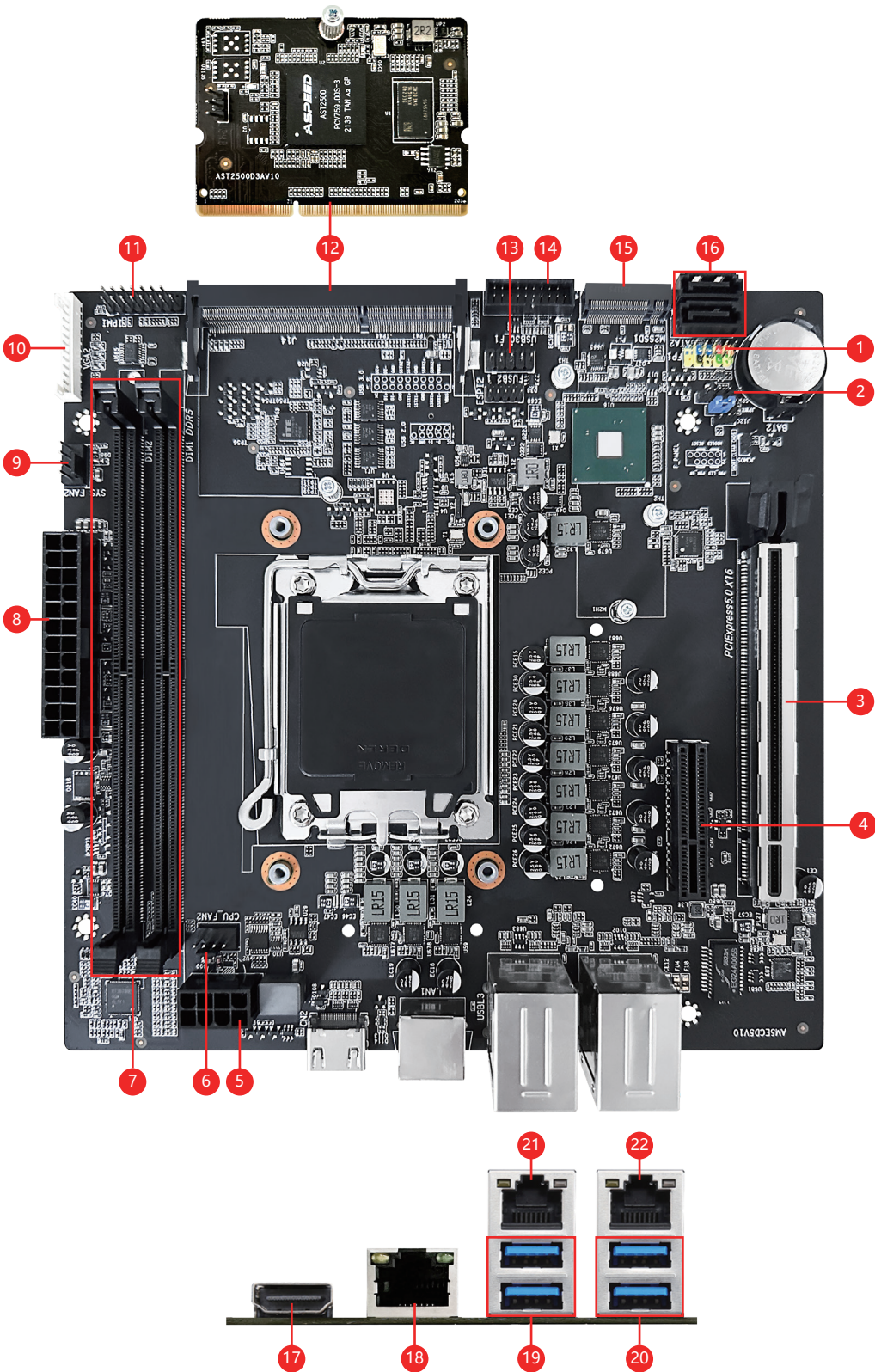
Product characteristics:

- AMD Ryzen 7000/8000/9000 series processors
- Support 8*USB (2*USB2.0 Pin/ 2*USB3.0 Pin/4*USB3.0 interface)
- Support 3*LAN(1*Realtek 8211,1Gbps/ 100Mbps/10Mbps Ethernet Controller; (BMC Control the management interface) (2*Realtek 8125,2.5Gbps/1Gbps/100Mbps/ 10Mbps Ethernet Controller)

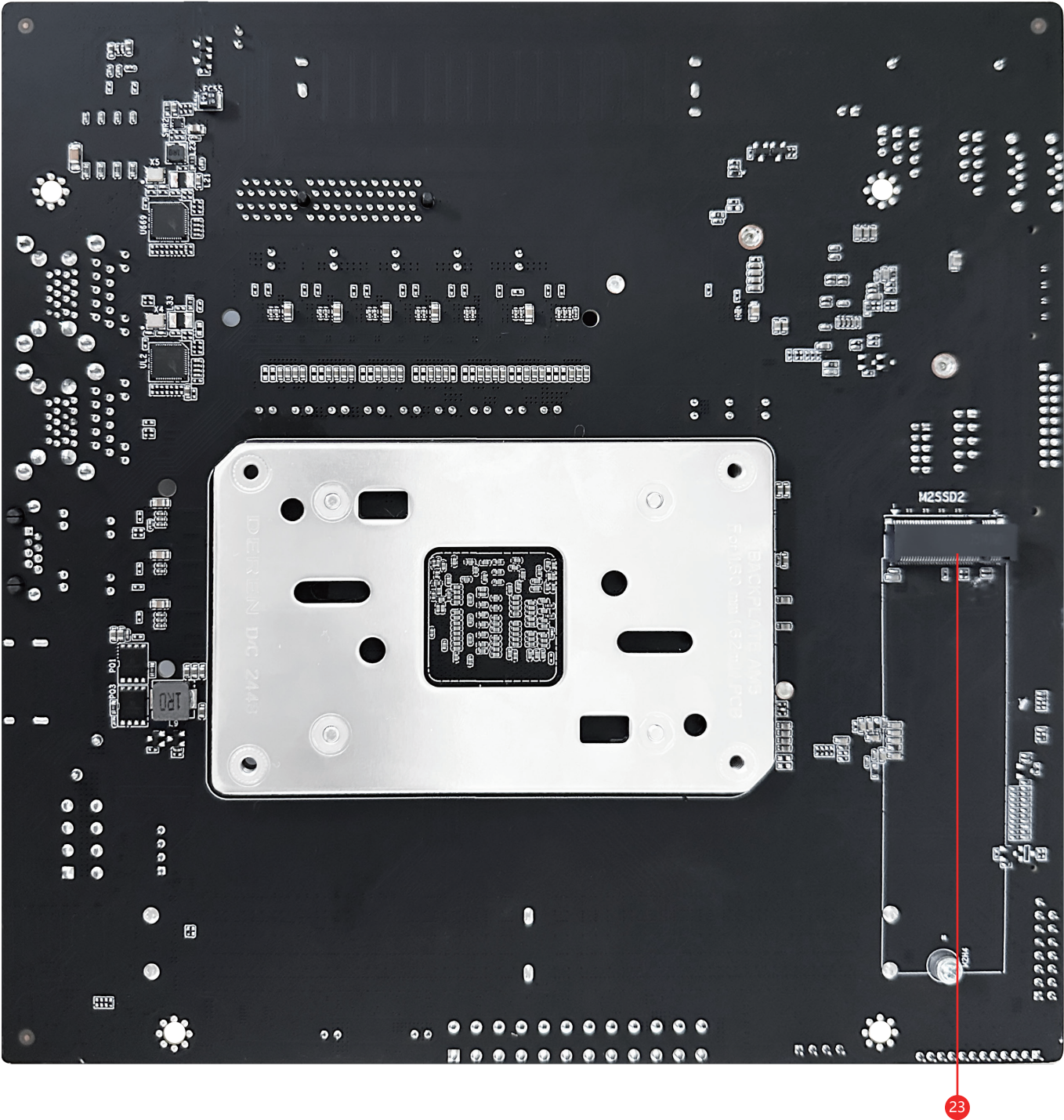


AM5ECD5V10 Motherboard Specifications

Size	200mm*200mm
CPU	AMD Ryzen 7000/8000/9000 series processors
RAM	Supports 2*DDR5 6000MHz Maximum support 32GB
BIOS	AMIBIOS 128Mbit Flash
Internal I/O	1*Front panel Pin 1*SPK1 Pin 1*8Pin Power outlet 1*CPU_FAN Pin 1*24Pin Power outlet 1*SYS_FAN Pin 1*VGA Pin 1*IPMI Pin 1*FUSB1 Pin(Support 2*USB2.0 interface) 1*USB30_F1 Pin(Support 2*USB3.0 interface) 2*SATA Data interface
Rear I/O	1*HDMI interface 4*USB3.0 interface 1*LAN interface(1G) 2*LAN interface(2.5G)
LAN	2*Realtek 8125,2.5Gbps/1Gbps/100Mbps/10Mbps Ethernet Controller 1*Realtek 8211,1Gbps/100Mbps/10Mbps Ethernet Controller; (BMC Control the management interface)
Expansion slot	2*M.2 5.0 X4 SSD slot/1*SODIMM DDR3 BMC Module interface/ 1*PCIE 5.0 X16 slot/1*PCIE 4.0 X4 slot
Operating System	Windows10/11, Linux



1	Front panel Pin
2	SPK1 Pin
3	PCIEX16 slot
4	PCIEX4 slot
5	8Pin Power outlet
6	CPU_FAN Pin
7	DDR5 slot
8	24Pin Power outlet
9	SYS_FAN Pin
10	VGA Pin
11	IPMI Pin
12	DDR3 BMC Module interfaces
13	FUSB2_1 Pin
14	USB30_F1 Pin
15	M.2 SSD1 slot
16	SATA Data interface
17	HDMI interface
18	LAN interface(1G)
19	USB3.0 interface
20	USB3.0 interface
21	LAN interface(2.5G)
22	LAN interface(2.5G)



23	M.2 SSD2 slot
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AM5ECD5V10 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) SPK1 Pin

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

(6) CPU_FAN Pin

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

(9) SYS_FAN Pin

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

(13) FUSB2_1 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

(14) 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