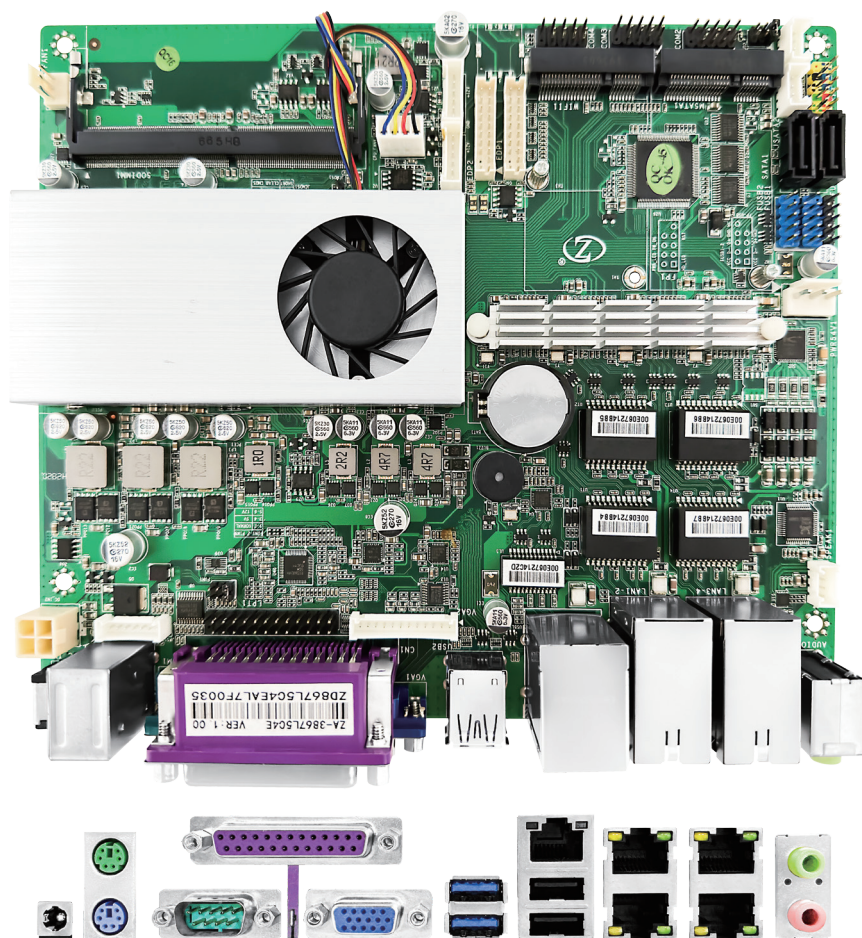


ZA-3867L5C4E Motherboard

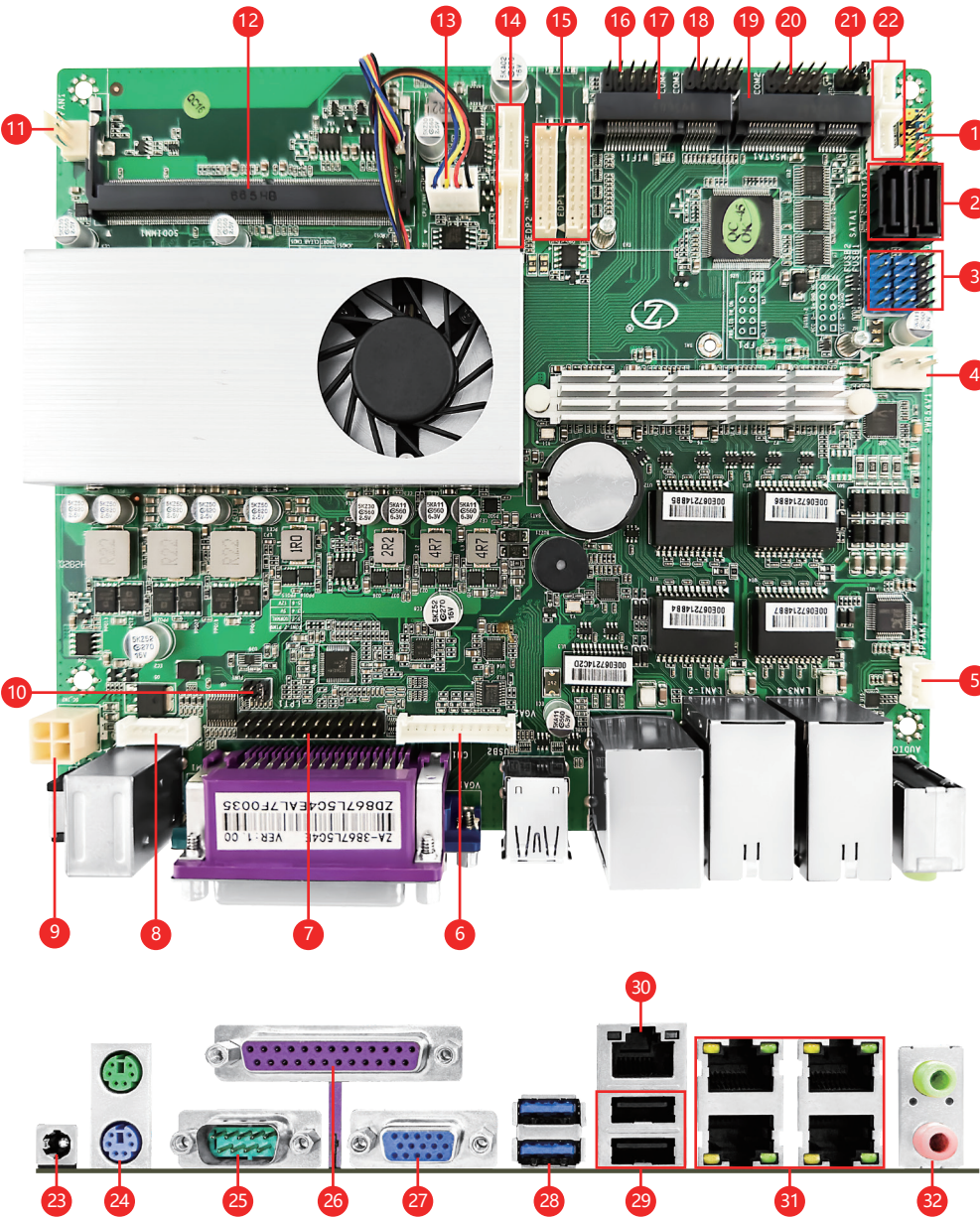
Product characteristics:

- Intel® Celeron® 3867U CPU
- Support 9*USB(2*USB3.0 interface/
2*USB2.0 interface/5*USB2.0 Pin)
- Support 5*LAN
(1*Realtek 8111H, 1Gbps/100Mbps/
10Mbps Ethernet Controller)
(4*Intel I211, 1Gbps/100Mbps/
10Mbps Ethernet Controller)



ZA-3867L5C4E Motherboard Specifications

Size	200mm*170mm
CPU	Intel® Celeron® 3867U CPU
RAM	Support 1*DDR4-2133Mhz, Maximum support 32GB
BIOS	AMIBIOS 64Mbit Flash
Internal I/O	1*Front panel Pin 2*SATA Data interface 3*FUSB Pin(Support 5*USB2.0 interface) 1*PWR54V1 Pin 1*SPEAK Pin 1*VGA Pin 1*LPT Pin 1*PS/2 Pin 1*4Pin Power outlet 1*SYS_FAN Pin 1*CPU_FAN Pin 2*INVERT Pin 2*EDP1/2 Pin 3*COM2/3/4 Pin 2*FUN1/2 Pin 2*JSATA Power supply interface
Rear I/O	1*DC 12V interface 1*PS/2 interface 1*COM interface 1*LPT interface 1*VGA interface 2*USB3.0 interface 5*LAN interface 2*USB2.0 interface 2*AUDIO interface (1*LINE OUT、1*MIC)
LAN	1*Realtek 8111H, 1Gbps/100Mbps/10Mbps Ethernet Controller 4*Intel I211, 1Gbps/100Mbps/10Mbps Ethernet Controller
Expansion slot	1*Mini pcie slot (WIFI) / 1*Mini pcie slot (MSATA)
Operating System	Windows10/11, Linux



1	Front panel Pin
2	SATA Data interface
3	FUSB1/2/3 Pin
4	PWR54V1 Pin
5	SPEAK Pin
6	VGA Pin
7	LPT Pin
8	PS/2 Pin
9	4Pin Power outlet
10	FUN1 Pin
11	SYS_FAN Pin
12	DDR4 slot
13	CPU_FAN Pin
14	INVERT1/2 Pin
15	EDP1/2 Pin
16	COM4 Pin
17	Mini pcie slot (WIFI)
18	COM3 Pin
19	Mini pcie slot (MSATA)
20	COM2 Pin
21	FUN2 Pin
22	JSATA Power supply interface

23	DC 12V interface	28	USB3.0 interface
24	PS/2 interface	29	USB2.0 interface
25	COM interface	30	LAN interface(8111H)
26	LPT interface	31	LAN interface(I211)
27	VGA interface	32	AUDIO interface (1*LINE OUT、1*MIC)

ZA-3867L5C4E 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		

(3) 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

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

Location	Pin	Definition
FUSB3 (2.54mm)	1	5V_RUN
	3	FDM1
	5	FDP1
	7	GND
	9	NC

(5) SPEAK Pin

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

(7) LPT Pin

Location	Pin	Definition	Pin	Definition
LPT (2mm)	1	P_STB_R	2	P_AFD_R
	3	P_PD0_R	4	ERR-
	5	P_PD1_R	6	P_INIT_R
	7	P_PD2_R	8	P_SLIN_R
	9	P_PD3_R	10	GND
	11	P_PD4_R	12	GND
	13	P_PD5_R	14	GND
	15	P_PD6_R	16	GND
	17	P_PD7_R	18	GND
	19	ACK-	20	GND
	21	BUSY	22	GND
	23	PE	24	GND
	25	SLCT	26	NC

(10/21) FUN1/2 Pin

Location	Pin	Definition	Pin	Definition
FUN1	1	1RI	2	1RI-
	3	1RI	4	+V5S
	5	1RI	6	+12V

Location	Pin	Definition	Pin	Definition
FUN2	1	2RI	2	2RI-
	3	2RI	4	+V5S
	5	2RI	6	+12V

(11) SYS_FAN Pin

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

(14) CPU_FAN Pin

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

(15) EDP Pin

Location	Pin	Definition	Pin	Definition
EDP1 (2mm)	1	EDP_VDD	2	EDP_VDD
	3	NC	4	
	5	GND	6	HPDET_EDP1
	7	EDP0N	8	EDP0P
	9	EDP1N	10	EDP1P
	11	NC	12	NC
	13	GND	14	GND
	15	EAUXN	16	EAUXP
	17	NC	18	NC
	19	NC	20	NC

Location	Pin	Definition	Pin	Definition
EDP2 (2mm)	1	EDP_VDD	2	EDP_VDD
	3	NC	4	
	5	GND	6	HPDET_EDP1
	7	EDP0N	8	EDP0P
	9	EDP1N	10	EDP1P
	11	NC	12	NC
	13	GND	14	GND
	15	EAUXN	16	EAUXP
	17	NC	18	NC
	19	NC	20	NC

(16/18/20) COM Pin

Location	Pin	Definition	Pin	Definition
COM2 (2.54mm)	1	2DCD	2	2SIN
	3	2SOUT	4	2DTR
	5	GND	6	2DSR
	7	2RTS	8	2CTS
	9	2RI		

Location	Pin	Definition	Pin	Definition
COM3 (2.54mm)	1	3DCD	2	3SIN
	3	3SOUT	4	3DTR
	5	GND	6	3DSR
	7	3RTS	8	3CTS
	9	3RI		

Location	Pin	Definition	Pin	Definition
COM4 (2.54mm)	1	4DCD	2	4SIN
	3	4SOUT	4	4DTR
	5	GND	6	4DSR
	7	4RTS	8	4CTS
	9	4RI		