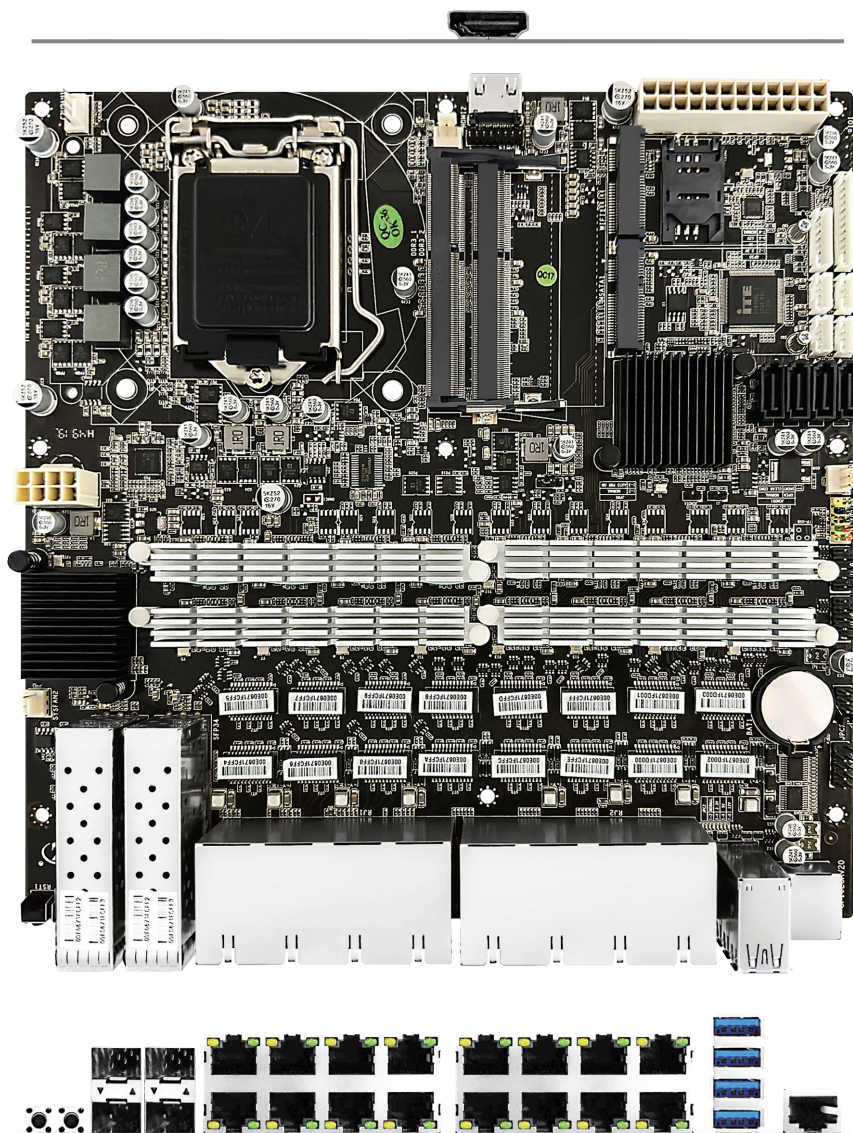


ZA-H370L16G4 Mainboard

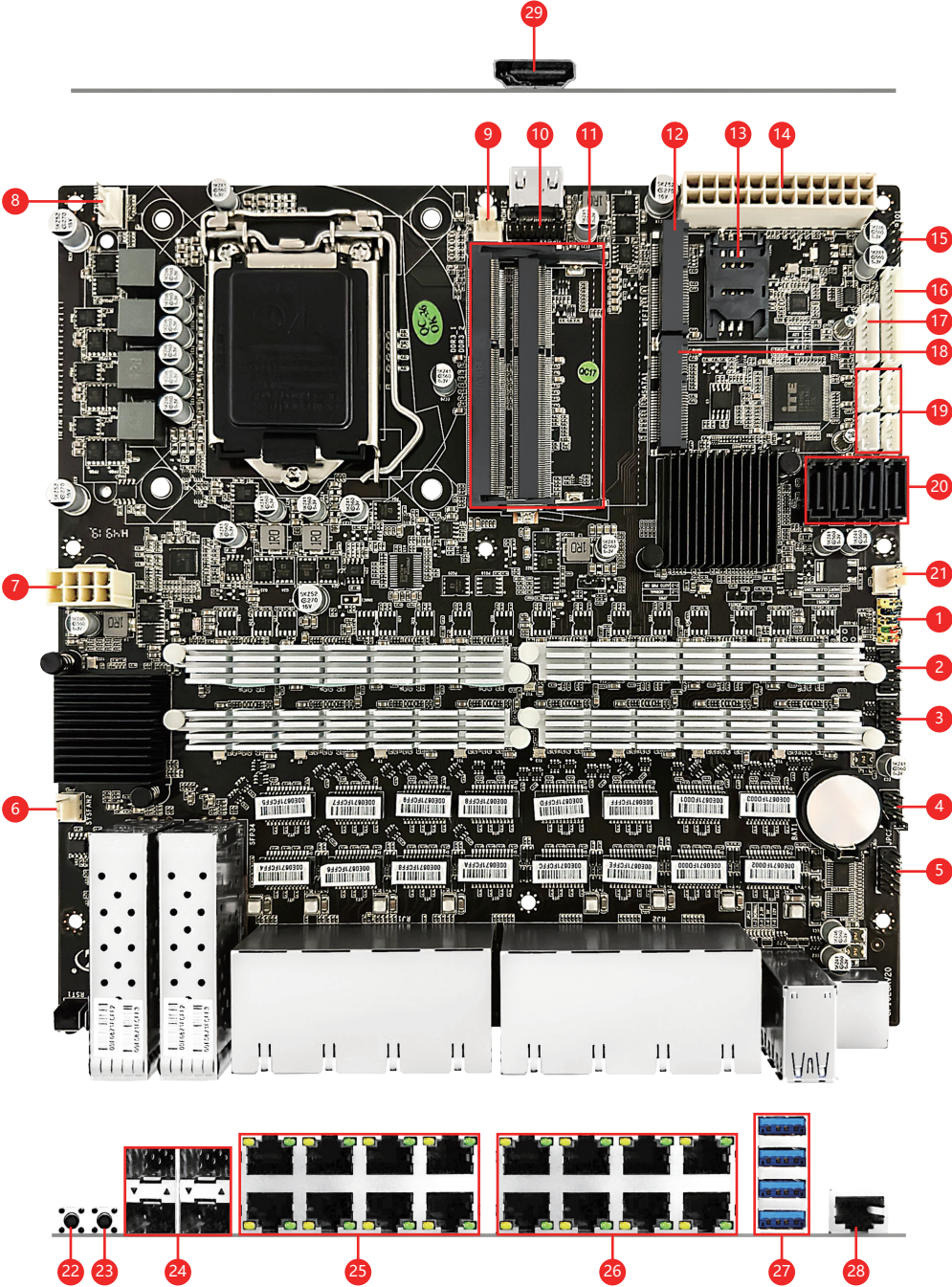
Product characteristics:

- Support Intel 8/9 Generation Full range CPU
- Support 8*USB(4*USB2.0 Pin/ 4*USB3.0 interface)
- Support 16*LAN(Intel WG 82574L, 10/100/1000M Ethernet Controller)
- Support 4*10,000 Gigabit fiber interface



ZA-H370L16G4 Motherboard Specifications

Size	230mmx212.3mm
CPU	Support Intel 8/9Generation Full range CPU
Graphical display	Intel HD Graphics
Chipset	Intel H370
System memory	DDR4 2400/2666MHZ Maximum support 64GB of memory
BIOS	AMIBIOS 64Mbit Flash
Internal I/O	1*CPU_FAN connector 3*SYS_FAN connector 1*24Pin Power outlet 1*TSIM Slot 1*GPIO interface 1*1X12Pin VGA Pin 1*JPS interface 4*JPR interface 4*SATA interface 1*Front panel Pin 2*USB Pin support 4*USB2.0 interface 1*JPC2 Pin 1*COM Pin 1*8Pin Power outlet
Rear I/O	1*TJ45COM1 interface 4*USB3.0 port 16*LAN port 4*10,000 Gigabit fiber interface 1*DEF switch 1*RST switch
On-board serial SATA	4*SATA interface/1*MSATA Slot
Onboard MINI_PCIE	1*MINI-PCIE(support MSATA)/1*MINI-PCIE(support WiFi)
Expand the card slot	2*DDR3 Memory slots,1*MSATA
Onboard LAN	16*Intel WG 82574L,10/100/1000M Ethernet Controller 4*10,000 Gigabit fiber interface
On-board sound chip	ALC662 2-channel output
Operating System	Windows8/Windows10 Linux
System monitoring and management	Wake on LAN/Voltage management/Intelligent temperature control fan/System power management temperature management
Working environment humidity	0% ~ 95% (Relative humidity, non-condensing)
Operating ambient temperature	-10°C ~ 55°C



1	Front panel Pin
2	FUSB2 Pin
3	FUSB1 Pin
4	JPC2 Pin
5	COM2 Pin
6	SYS_FAN2 Pin
7	8PIN Power outlet
8	CPU_FAN1 Pin
9	SYS_FAN3 Pin
10	HDMI2 Pin
11	DDR3 Slot
12	MINI-PCIE(support WiFi)
13	TSIM1 Card slot
14	24PIN Power outlet
15	GPIO1 Pin
16	VGA1 Pin
17	JPS1 Pin
18	MINI-PCIE(support MSATA)
19	JPR Pin
20	SATA Data interface
21	SYS_FAN1 Pin

22	RST switch	26	LAN interface
23	DEF switch	27	USB3.0 interface
24	10,000 Gigabit fiber interface	28	TJ45COM1 interface
25	LAN interface	29	HDMI interface

ZA-H370L16G4 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		

(2/3) FUSB1/2 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	FDM7	4	FDM7
	5	FDP7	6	FDP7
	7	GND	8	GND
	9	NC	10	GND

(5) COM2 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		

(8) CPU_FAN Pin

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

(6/9/21) SYS_FAN Pin

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

(10) HDMI2 Pin

Location	Pin	Definition	Pin	Definition
HDMI2 (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

(15) GPIO Pin

Location	Pin	Definition	Pin	Definition
GPIO (2mm)	1	GP23_IO	2	3V_RUN
	3	GP30_IO	4	5V_RUN
	5	GND	6	12V_RUN