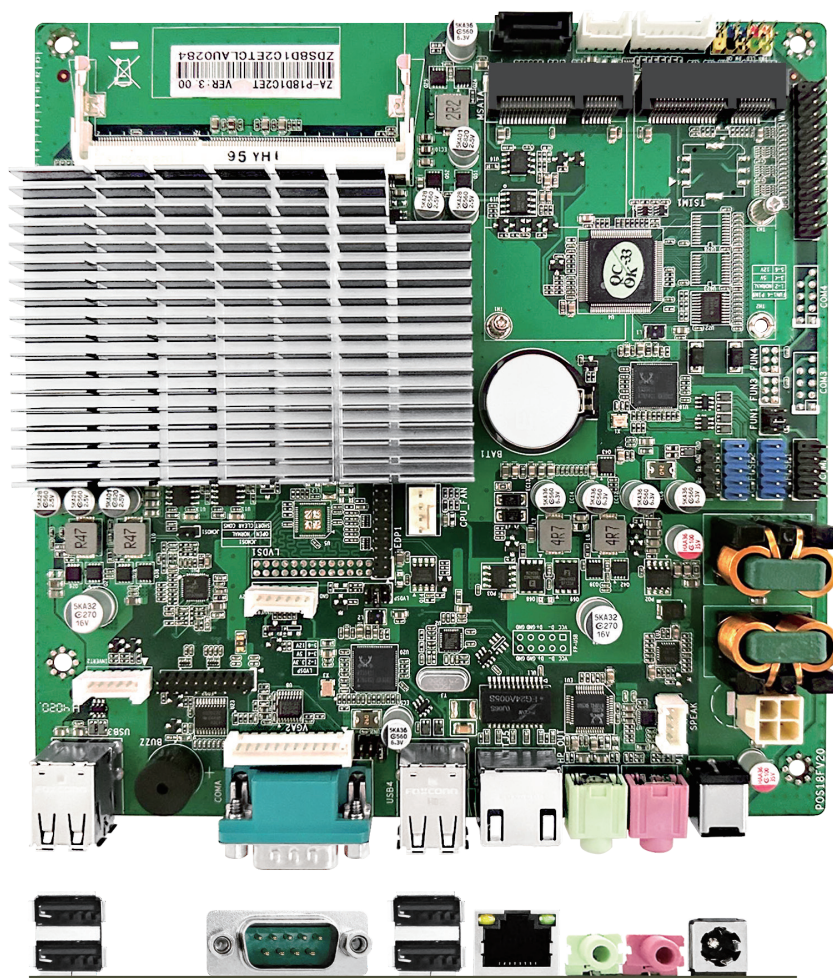


ZA-P18D1C2ET Motherboard

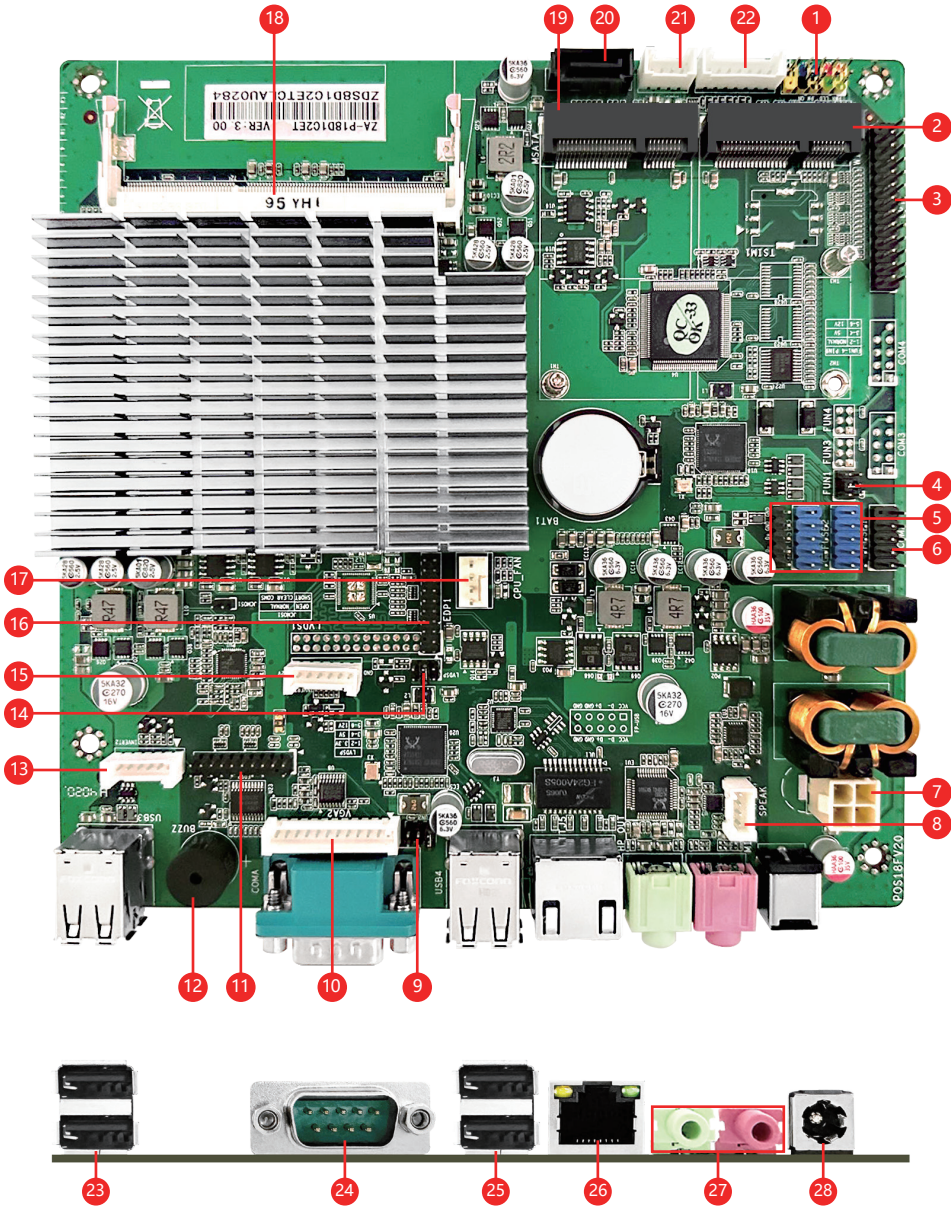
Product characteristics:

- Intel® Celeron® J1800/J1900 CPU
- Support 9*USB (4*USB2.0 interface/ 5*USB2.0 Pin)
- Support 1*LAN (Realtek 8106; 100Mbps/ 10Mbps Ethernet Controller)



ZA-P18D1C2ET Motherboard Specifications

Size	170mm*170mm
CPU	Intel® Celeron® J1800/J1900 CPU
RAM	Support 1*DDR3 1333MHz, Maximum support 8GB
BIOS	AMIBIOS 64Mbit Flash
Internal I/O	1*Front panel Pin 1*LPT Pin 1*FUN1/2 Pin 3*FUSB1/2/3 Pin(Support 5*USB2.0 interface) 1*COM1 Pin 1*4Pin Power outlet 1*SPEAK Pin 1*VGA Pin 2*EDP1/2 Pin 2*Inverter Pin 1*LVDSP Pin 1*CPU_FAN Pin 1*SATA Data interface 1*JSATA Power Supply interface 1*PS/2 Pin
Rear I/O	4*USB2.0 interface 1*COM interface 1*LAN interface 2*AUDIO interface (1*LINE OUT、1*MIC) 1*DC 12V interface
LAN	1*Realtek 8106; 100Mbps/10Mbps Ethernet Controller
Expansion slot	1*Mini Pcie slot (WIFI) / 1*Mini Pcie slot (MSATA)
Operating System	Windows7/10, Linux



1	Front panel Pin
2	Mini Pcie slot (WIFI)
3	LPT Pin
4	FUN1 Pin
5	FUSB1/2/3 Pin
6	COM1 Pin
7	4Pin Power outlet
8	SPEAK Pin
9	FUN2 Pin
10	VGA Pin
11	EDP2 Pin
12	Buzz
13	Inverter2 Pin
14	LVDSP Pin
15	Inverter1 Pin
16	EDP1 Pin
17	CPU_FAN Pin
18	DDR3 slot
19	Mini Pcie slot (MSATA)
20	SATA Data interface
21	JSATA Power Supply interface
22	PS/2 Pin

23	USB2.0 interface	26	LAN interface
24	COM interface	27	AUDIO interface (1*LINE OUT、1*MIC)
25	USB2.0 interface	28	DC 12V interface

ZA-P18D1C2ET 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) 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

(4/9) FUN 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

(5) 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	USB_PN4
	5	USB_PP4
	7	GND
	9	NC

(6) COM 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		

(8) SPEAK Pin

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

(11/16) EDP1/2 Pin

Location	Pin	Definition	Pin	Definition
EDP (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

(14) LVDS1 Pin

Location	Pin	Definition	Pin	Definition
LVDS1 (2mm)	1	3.3V_RUN	2	LVDS1_POWER
	3	5V_RUN	4	LVDS1_POWER
	5	12V_RUN	6	LVDS1_POWER

(13/15) INVERTER1/2 Pin

Location	Pin	Definition
INVERT	1	GND
	2	GND
	3	BL_ADJ
	4	BKLT-EN
	5	+12V
	6	+12V

(17) CPU_FAN Pin

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