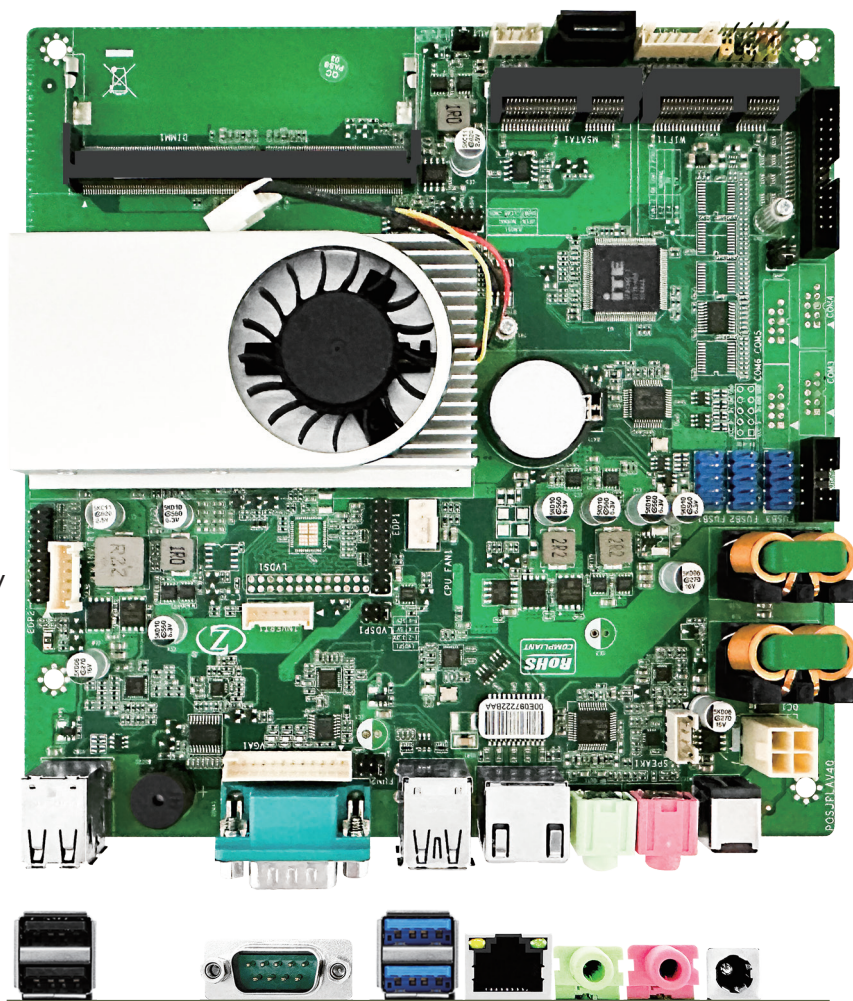


ZA-P5105C2ET Mainboard

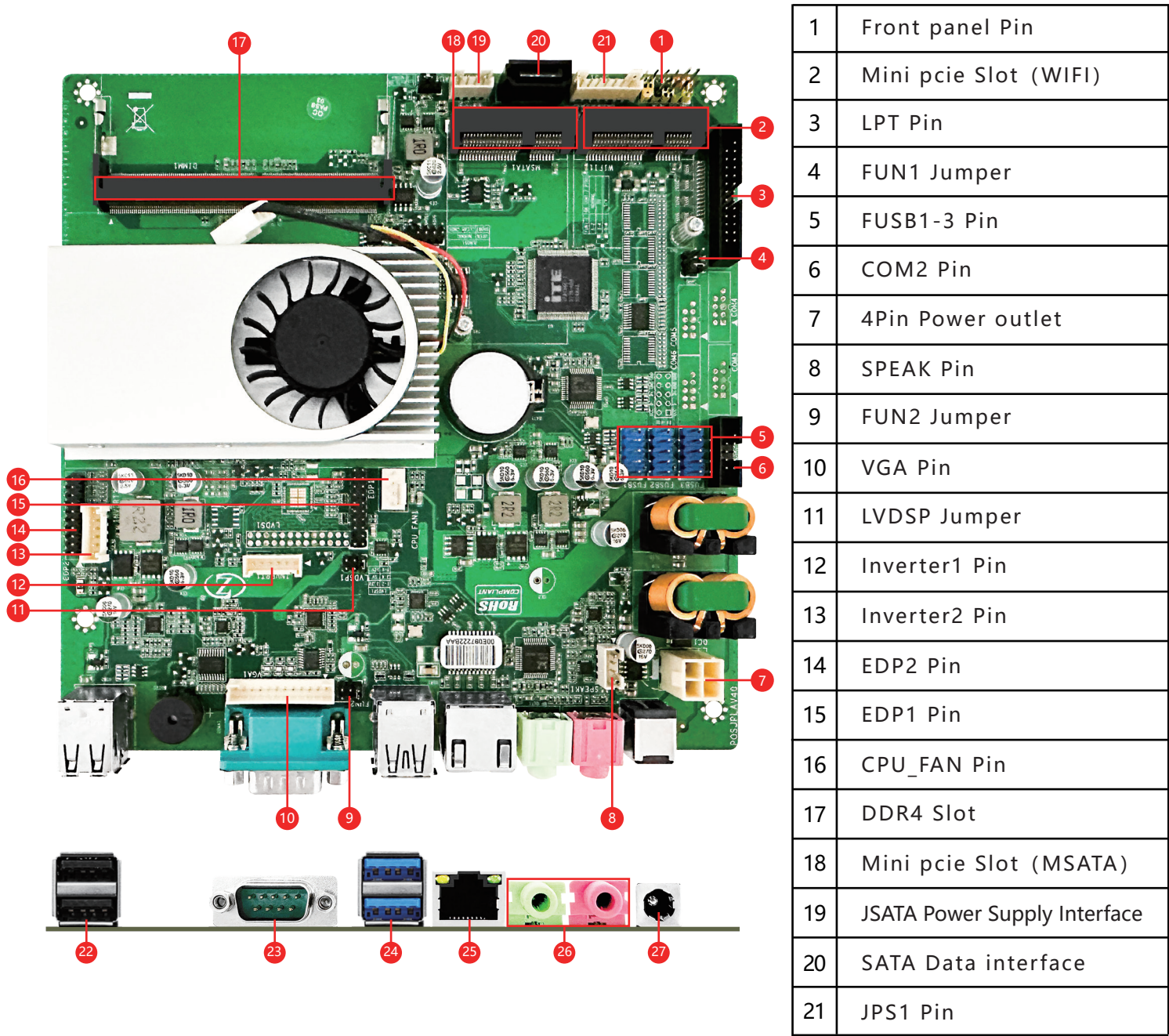
Product characteristics:

- Intel®Celeron® N5105 CPU
- Support 10*USB (2*USB2.0 interface/
2*USB3.0 interface/6*USB2.0 Pin)
- Support 1*LAN(Realtek 8106; 100Mbps/
10Mbps Ethernet Controller)



ZA-P5105C2ET Motherboard Specifications

Size	170mm*170mm
CPU	Intel® Celeron® N5105 CPU
RAM	Support 1*DDR4 2933MHz Maximum support 16GB
BIOS	AMIBIOS 64Mbit Flash
Internal I/O	1*Front panel Pin 1*LPT Pin 2*FUN1-2 Jumper 3*FUSB Pin(Support 6*USB2.0 interface) 1*COM Pin 1*4Pin Power outlet 1*SPEAK Pin 1*VGA Pin 1*LVDSP Jumper 2*Inverter Pin 2*EDP Pin 1*CPU_FAN Pin 1*JSATA Power Supply Interface 1*SATA Data interface 1*JPS1 Pin
Rear I/O	2*USB2.0 interface 2*USB3.0 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	Windows10, Linux



22	USB2.0 interface	25	LAN interface
23	COM interface	26	AUDIO interface (1*LINE OUT、1*MIC)
24	USB3.0 interface	27	DC 12V interface

ZA-P5105C2ET 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) FUN1-2 Jumper

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

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

(5) FUSB1-3 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	Pin	Definition
FUSB3 (2.54mm)	1	5V_RUN	2	5V_RUN
	3	FDM1	4	FDM2
	5	FDP1	6	FDP2
	7	GND	8	GND
	9	NC	10	GND

(11) LVDS1 Jumper

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

(14/15) 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) CPU_FAN Pin

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