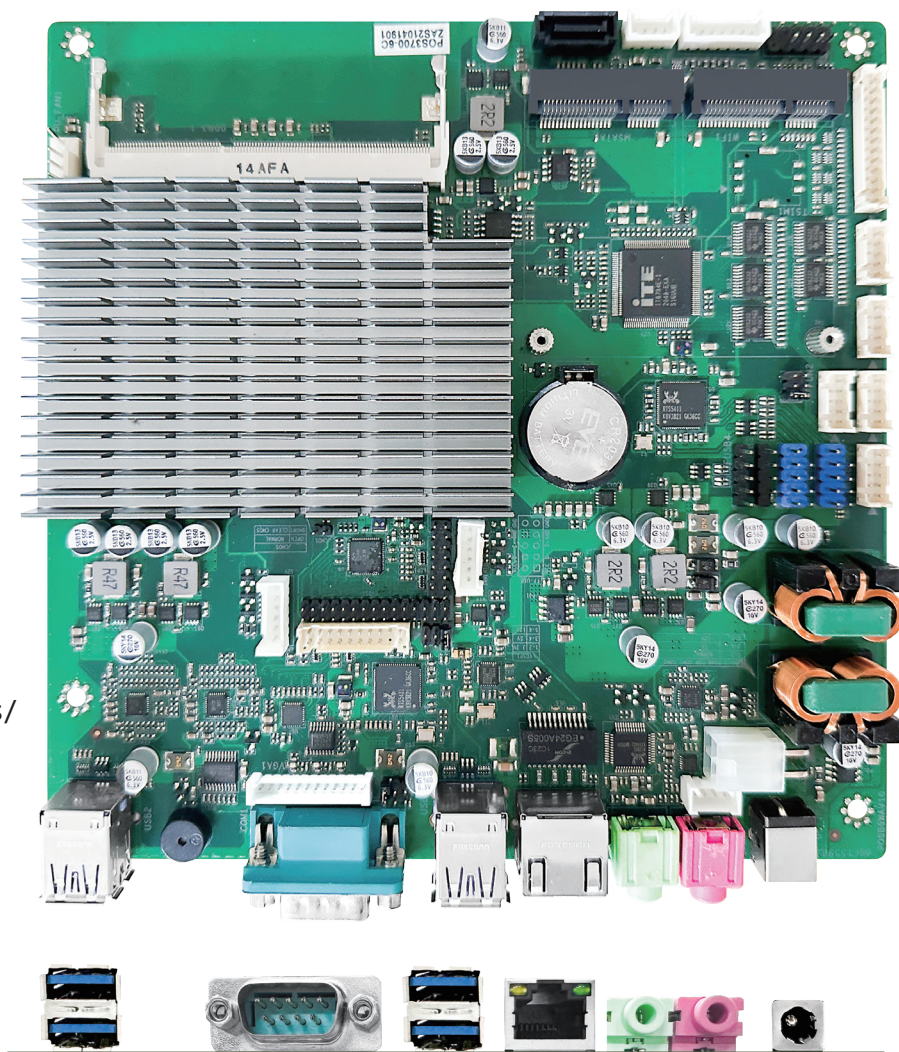


ZA-POS3700 Motherboard

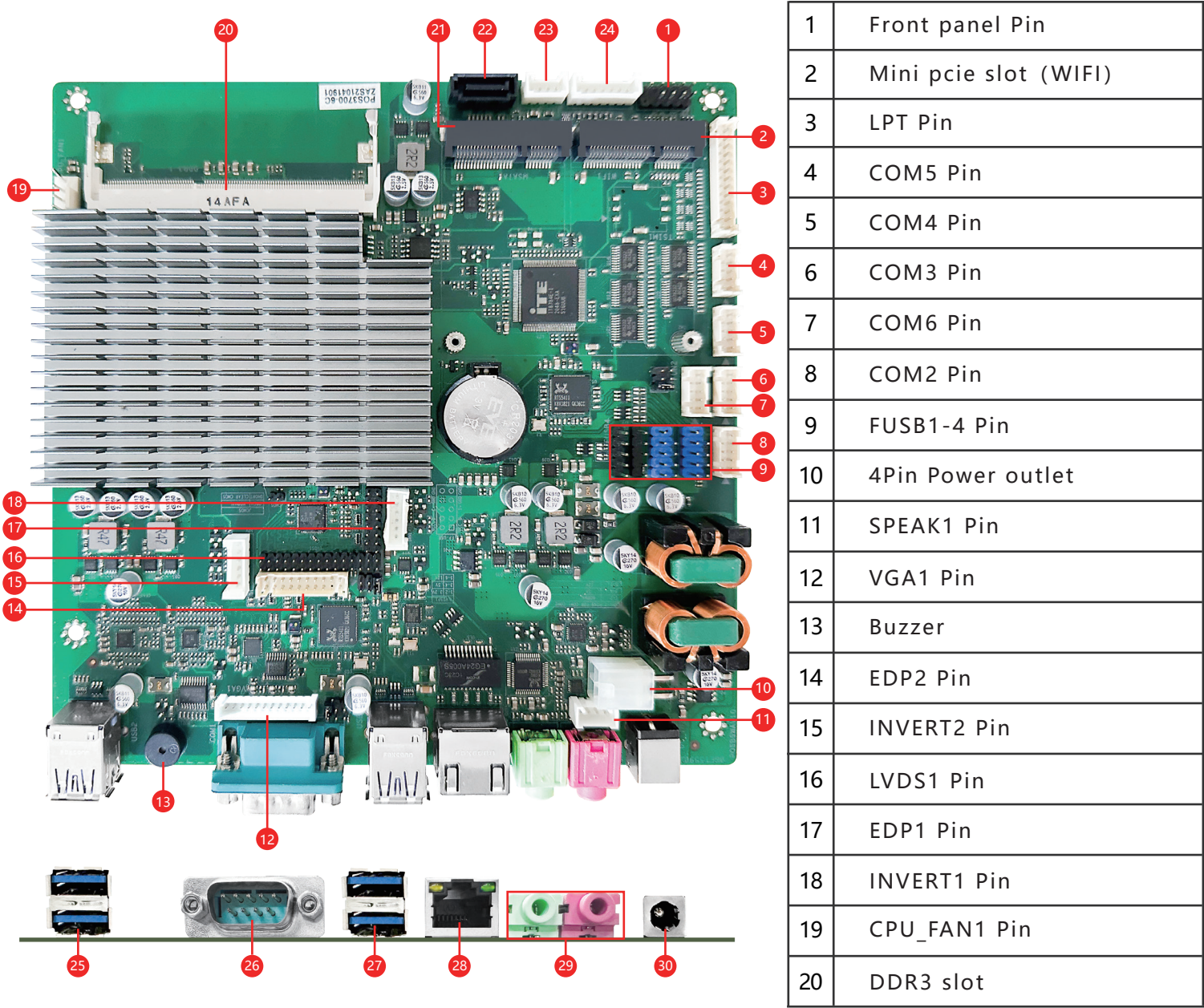
Product characteristics:

- Intel® Pentium® N3700 CPU
- Support 10*USB (6*USB2.0 Pin/ 4*USB3.0 interface)
- Support 2*EDP/1*VGA/1*LVDS Display output
- Support 1*LAN (Realtek 8106E, 100Mbps/ 10Mbps Ethernet Controller)



ZA-POS3700 Motherboard Specifications

Size	170mm*170mm
CPU	Intel® Pentium® N3700 CPU
RAM	Support 1*DDR3L 1600MHz Maximum support 8GB
BIOS	AMIBIOS 64Mbit Flash
Internal I/O	1*Front panel Pin 1*LPT Pin 5*COM Pin(2-6) 4*FUSB Pin(Support 6*USB2.0 interface) 1*4Pin Power outlet 1*SPEAK Pin 1*VGA Pin 2*INVERT Pin(1-2) 1*LVDS1 Pin 2*EDP Pin(1-2) 1*CPU_FAN1 Pin 1*SATA Data interface 1*JSATA Power supply interface 1*JPS1 Pin
Rear I/O	4*USB3.0 interface 1*COM interface 1*LAN interface 2*AUDIO interface (1*LINE OUT、1*MIC) 1*DC 12V interface
LAN	1*Realtek 8106E; 100Mbps/10Mbps Ethernet Controller
Expansion slot	1*Mini pcie slot (WIFI) / 1*Mini pcie slot (MSATA)
Operating System	Windows10, Linux



21	Mini pcie slot (MSATA)	26	COM interface
22	SATA Data interface	27	USB3.0 interface
23	JSATA Power supply interface	28	LAN interface
24	JPS1 Pin	29	AUDIO interface (1*LINE OUT、1*MIC)
25	USB3.0 interface	30	DC 12V interface

ZA-POS3700 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

(4/5/6/7/8) COM Pin

Location	Pin	Definition	Pin	Definition
COM2 (2.00mm)	1	2NDCD	2	2NSIN
	3	2NSOUT	4	2NDTR
	5	GND	6	2NDSR
	7	2NRTS	8	2NCTS
	9	2NRI		

Location	Pin	Definition	Pin	Definition
COM3 (2.00mm)	1	3NDCD	2	3NSIN
	3	3NSOUT	4	3NDTR
	5	GND	6	3NDSR
	7	3NRTS	8	3NCTS
	9	3NRI		

Location	Pin	Definition	Pin	Definition
COM4 (2.00mm)	1	4NDCD	2	4NSIN
	3	4NSOUT	4	4NDTR
	5	GND	6	4NDSR
	7	4NRTS	8	4NCTS
	9	4NRI		

Location	Pin	Definition	Pin	Definition
COM5 (2.00mm)	1	5NDCD	2	5NSIN
	3	5NSOUT	4	5NDTR
	5	GND	6	5NDSR
	7	5NRTS	8	5NCTS
	9	5NRI		

Location	Pin	Definition	Pin	Definition
COM6 (2.00mm)	1	6NDCD	2	6NSIN
	3	6NSOUT	4	6NDTR
	5	GND	6	6NDSR
	7	6NRTS	8	6NCTS
	9	6NRI		

(9) 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
	2	FDM3
	3	FDP3
	4	GND
	5	NC

Location	Pin	Definition
FUSB4 (2.54mm)	1	5V_RUN
	2	FDM4
	3	FDP4
	4	GND
	5	NC

(11) SPEAK Pin

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

(14/17) 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

(15/18) INVERT Pin

Location	Pin	Definition
INVERT1-2	1	GND
	2	GND
	3	BL_ADJ
	4	BKLT-EN
	5	+12V
	6	+12V

(16) LVDS1 Pin

Location	Pin	Definition	Pin	Definition
LVDS1 (2mm)	1	VDDLVD	2	VDDLVD
	3	VDDLVD	4	GND
	5	GND	6	LVDS_DP
	7	LVDS_DATA_0N	8	LVDS_DATA_0P
	9	LVDS_DATA_1N	10	LVDS_DATA_1P
	11	LVDS_DATA_2N	12	LVDS_DATA_2P
	13	GND	14	GND
	15	LVDS_CLKN	16	LVDS_CLKP
	17	LVDS_DATA_3N	18	LVDS_DATA_3P
	19	LVDS1_DATA_0N	20	LVDS1_DATA_0P
	21	LVDS1_DATA_1N	22	LVDS1_DATA_1P
	23	LVDS1_DATA_2N	24	LVDS1_DATA_2P
	25	GND	26	GND
	27	LVDS1_CLKN	28	LVDS1_CLKP
	29	LVDS1_DATA_3N	30	LVDS1_DATA_3P

(19) CPU_FAN Pin

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

(24) JPS Pin

Location	Pin	Definition
JPS	1	KB_DATA
	2	KB_CLK
	3	GND
	4	MS_DATA
	5	MS_CLK
	6	GND
	7	+5V