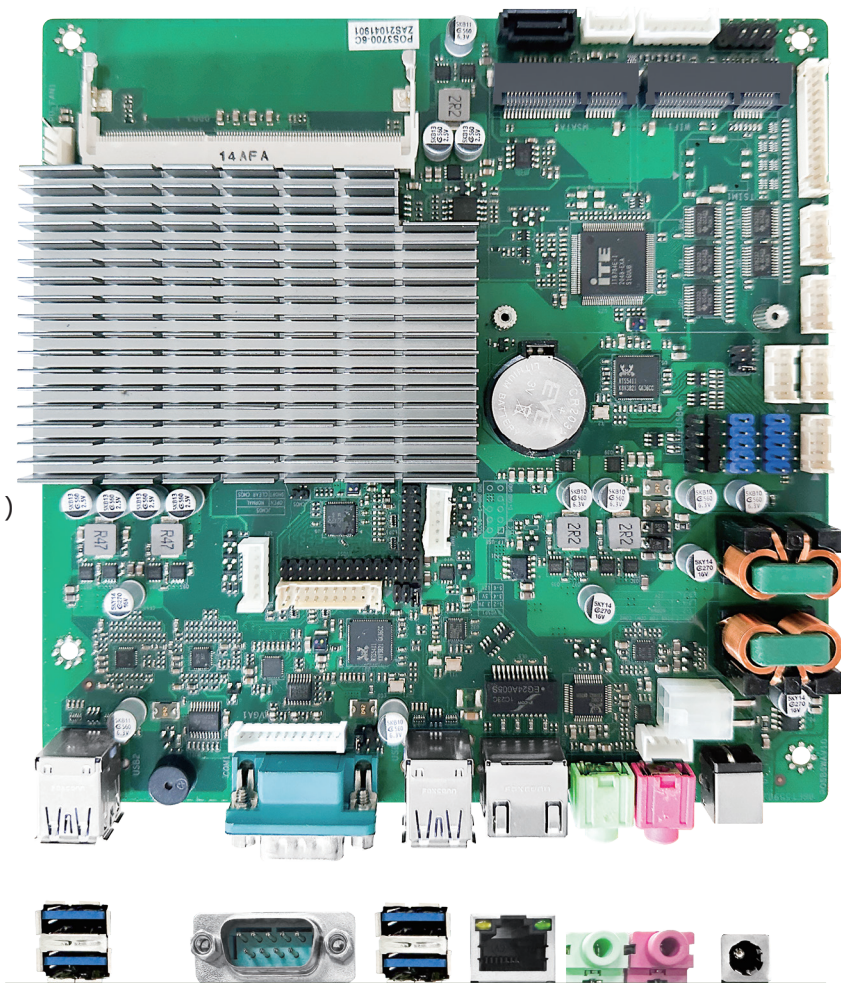


ZA-POS3700主板

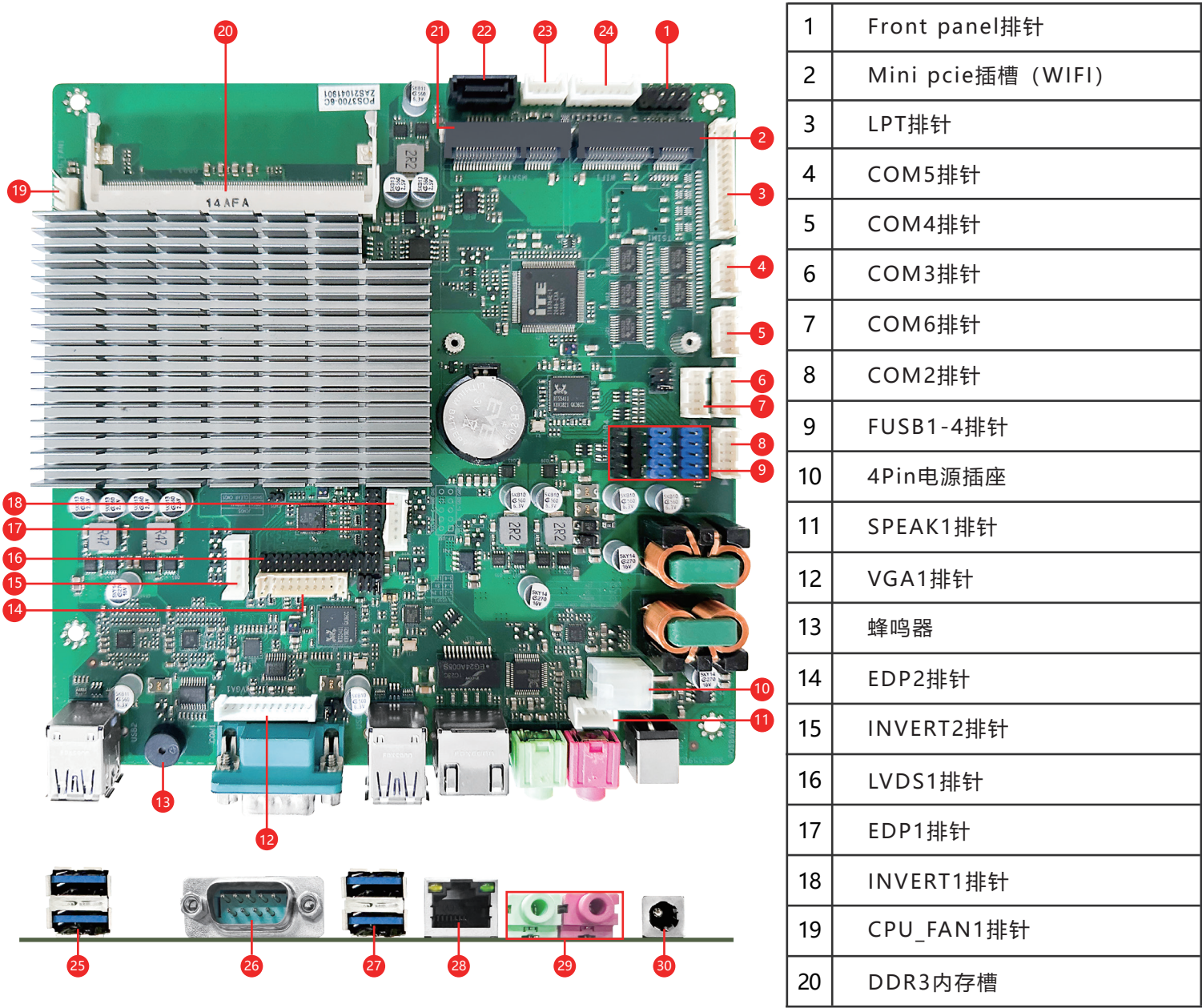
产品特性:

- 英特尔® 奔腾® N3700 处理器
- 支持10个USB (6*USB2.0排针/4*USB3.0接口)
- 支持2个EDP/1个VGA/1个LVDS显示输出
- 支持1个LAN (Realtek 8106E; 100Mbps/10Mbps以太网控制器)



ZA-POS3700主板规格

板型尺寸	170mm*170mm
处理器	英特尔® 奔腾® N3700 处理器
内存	支持1个DDR3L 1600MHz 最大支持8GB
BIOS	AMIBIOS 64Mbit 闪存
内置I/O接口	1*Front panel排针 1*LPT排针 5*COM排针(2-6) 4*FUSB排针(支持6个USB2.0接口) 1*4Pin电源插座 1*SPEAK排针 1*VGA排针 2*INVERT排针(1-2) 1*LVDS1排针 2*EDP排针(1-2) 1*CPU_FAN1排针 1*SATA数据接口 1*JSATA供电接口 1*JPS1排针
外置I/O接口	4*USB3.0接口 1*COM口 1*LAN口 2*AUDIO接口 (1*LINE OUT、1*MIC) 1*DC 12V接口
集成网卡	1*Realtek 8106E; 100Mbps/10Mbps以太网控制器
扩展槽/口	1*Mini pcie插槽 (WIFI) / 1*Mini pcie插槽 (MSATA)
操作系统	Windows10, Linux



21	Mini pcie插槽 (MSATA)	26	COM口
22	SATA数据接口	27	USB3.0接口
23	JSATA供电接口	28	LAN口
24	JPS1排针	29	AUDIO接口 (1*LINE OUT、1*MIC)
25	USB3.0接口	30	DC 12V接口

ZA-POS3700主板定义

(1) Front panel排针

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排针

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排针

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排针

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排针

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

(14/17) EDP排针

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排针

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

(16) LVDS1排针

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排针

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

(24) JPS排针

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