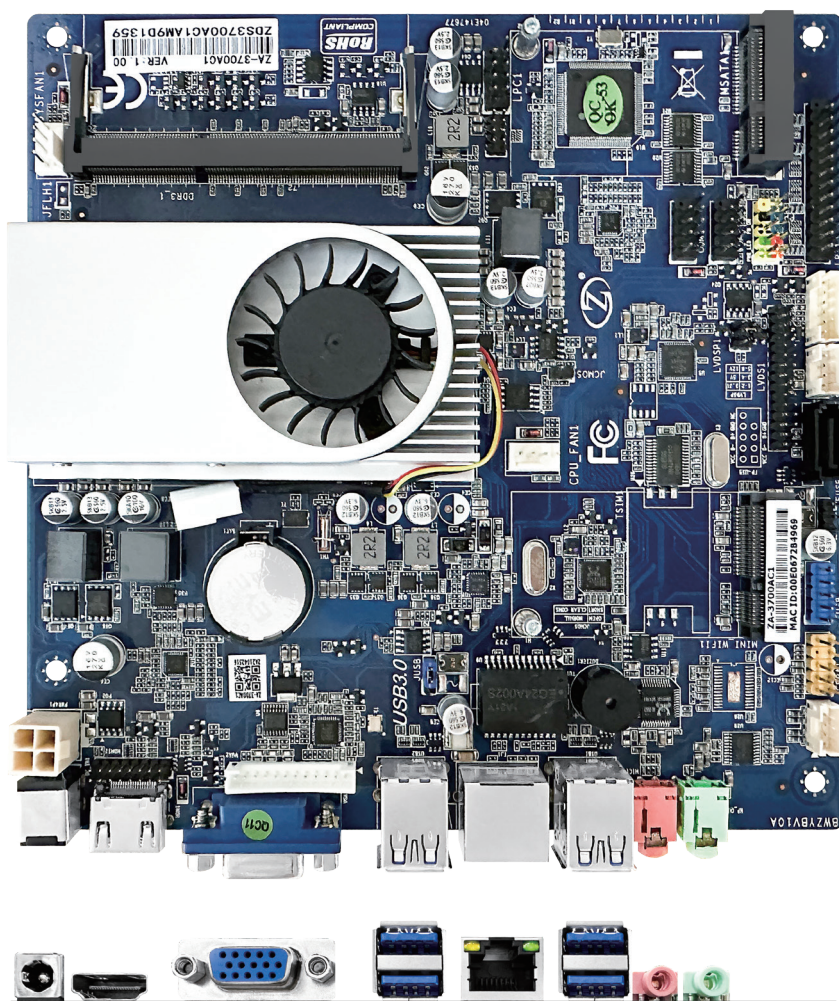


ZA-3700AC1主板

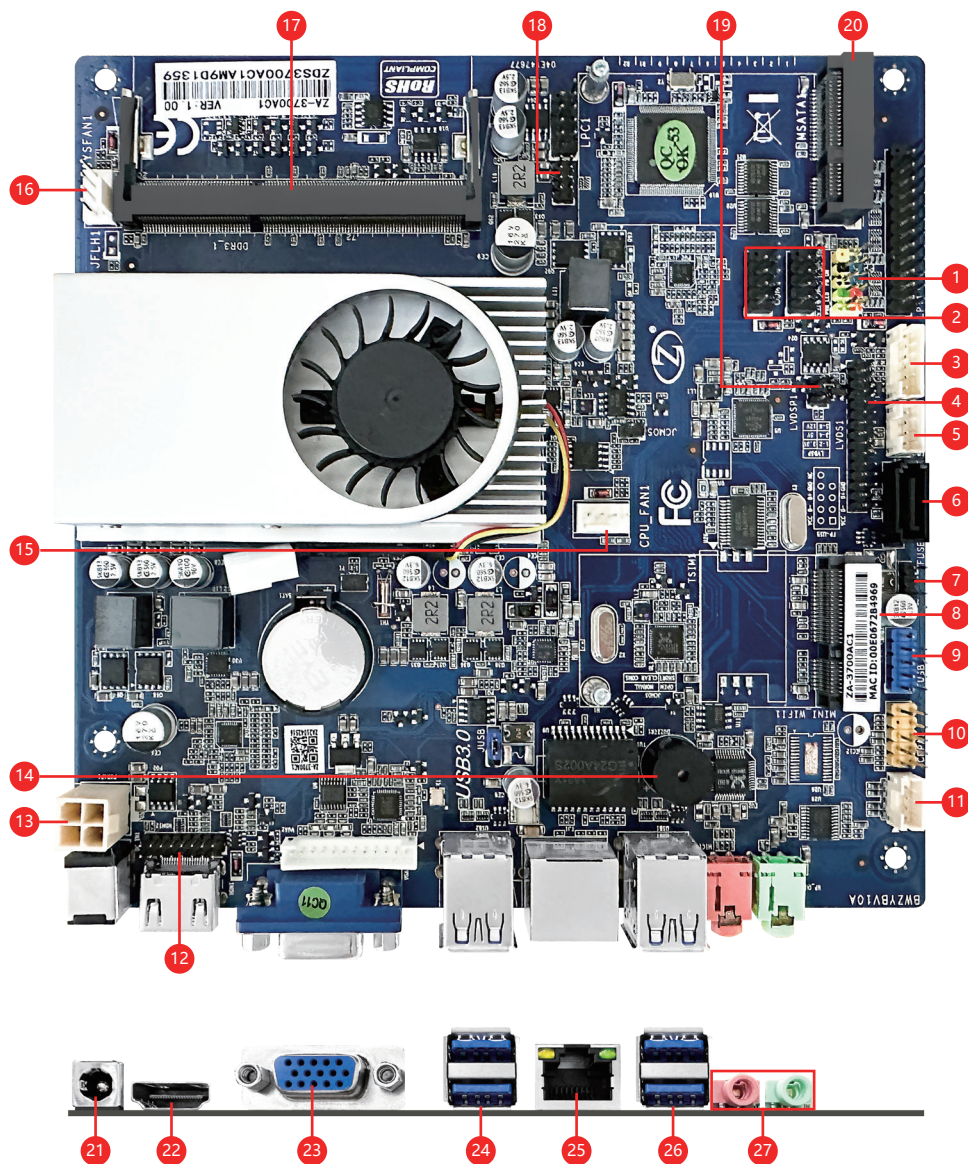
产品特性:

- 英特尔® 奔腾® N3700 处理器
- 支持1个HDMI/1个VGA/1个LVDS显示输出
- 支持7个USB (4*USB3.0接口/3*USB2.0排针)
- 支持1个LAN (Realtek 8111E 1Gbps/100Mbps/10Mbps以太网控制器)



ZA-3700AC1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 32Mbit 闪存
内置I/O接口	1*Front panel排针 2*COM1/2排针 1*INVERT1排针 1*LVDS1排针 1*JSATA供电接口 1*SATA数据接口 3*FUSB1/2排针(支持3个USB2.0接口) 1*CFPA1排针 1*SPEAK1排针 1*HDMI2排针 1*4Pin电源接口 1*CPU_FAN1排针 1*SYS_FAN1排针 1*GPIO排针 1*LVDSP排针
外置I/O接口	1*DC 12V接口 1*HDMI接口 1*VGA接口 4*USB3.0接口 1*LAN口 2*AUDIO接口 (1*LINE OUT、1*MIC)
集成网卡	1*Realtek 8111E 1Gbps/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	Windows7/8/10; Linux



1	Front panel排针
2	COM1/2排针
3	INVERT1排针
4	LVDS1排针
5	JSATA供电接口
6	SATA数据接口
7	FUSB2排针
8	Mini pcie插槽 (WIFI)
9	FUSB1排针
10	CFPA1排针
11	SPEAK1排针
12	HDMI2排针
13	4Pin电源接口
14	蜂鸣器
15	CPU_FAN1排针
16	SYS_FAN1排针
17	DDR3内存槽
18	GPIO排针
19	LVDS排针
20	Mini pcie插槽 (MSATA)

21	DC 12V接口	25	LAN口
22	HDMI接口	26	USB3.0接口
23	VGA接口	27	AUDIO接口 (1*LINE OUT、1*MIC)
24	USB3.0接口		

ZA-3700AC1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		

(2) COM1/2排针

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		

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		

(3) INVERT1排针

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

(4) LDVS排针

Location	Pin	Definition	Pin	Definition
LVDS (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

(7/9) FUSB1/2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
FUSB2 (2.54mm)	1	5V_RUN
	2	FDM7
	3	FDP7
	4	GND

(10) CFPA排针

Location	Pin	Definition	Pin	Definition
FPA1 (2.54mm)	1	P_STB_R	2	AUD_AGND
	3	P_PD0_R	4	NC
	5	P_PD1_R	6	MIC2-JD
	7	P_PD2_R	8	NC
	9	P_PD3_R	10	LINE2-JD

(11) SPEAK排针

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

(12) HDMI排针

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

(14) CPU_FAN1排针

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

(15) SYS_FAN1排针

Location	Pin	Definition
SYS_FAN1	1	GND
	2	+12V
	3	FAN_TAC22
	4	FAN_CTL22

(19) LVDSP排针

Location	Pin	Definition
LVDSP1	1-2	3.3V
	3-4	5V
	5-6	12V