



芯树智连

CHINA'S IOT COMPUTING DEVICE
CUSTOMIZATION LEADER

中国物联网计算设备定制领导者

工业网安主板

XSZL-C242628

产品概述:

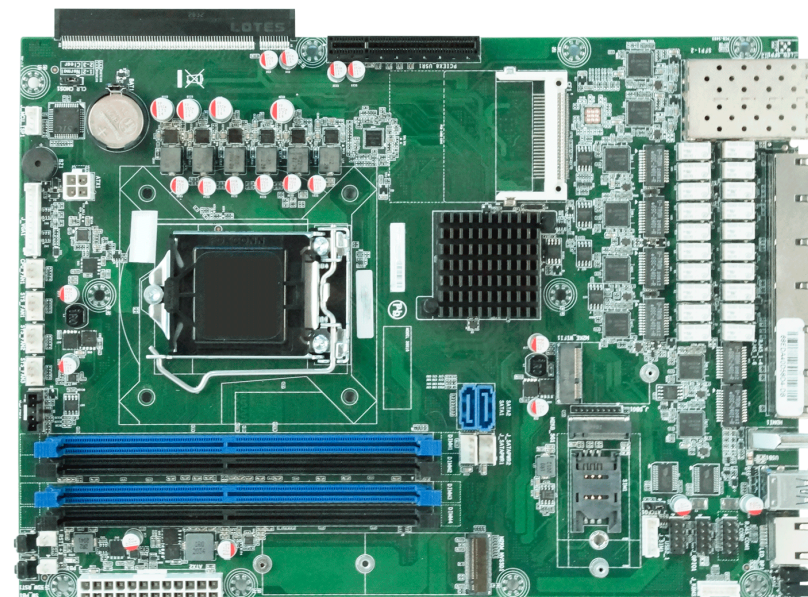
本产品是基于Intel® 8-9th Generation Core / Pentium/ Celeron Desktop CPU, LGA1151 Support MAX CPU TDP: Hexa-Core 95W设计研发的一款网络安装主板, 适配linux Windows等操作系统, 为整体方案高性能、高稳定、高可靠的平台提供保证。

应用领域:

应用于网络安全领域

产品特点:

- 支持Intel 8-9th 酷睿/ 奔腾/ 赛扬 CPU, LGA1151 CPU针 TDP: Hexa-Core 95W
- 支持4个DDR4 ECC内存插槽, 最大支持64G内存
- 6个千兆电口 (支持2组3代BYPASS), 2个千兆光口
- 支持 M.2 CF SATA等多重存储接口
- ATX电源输入



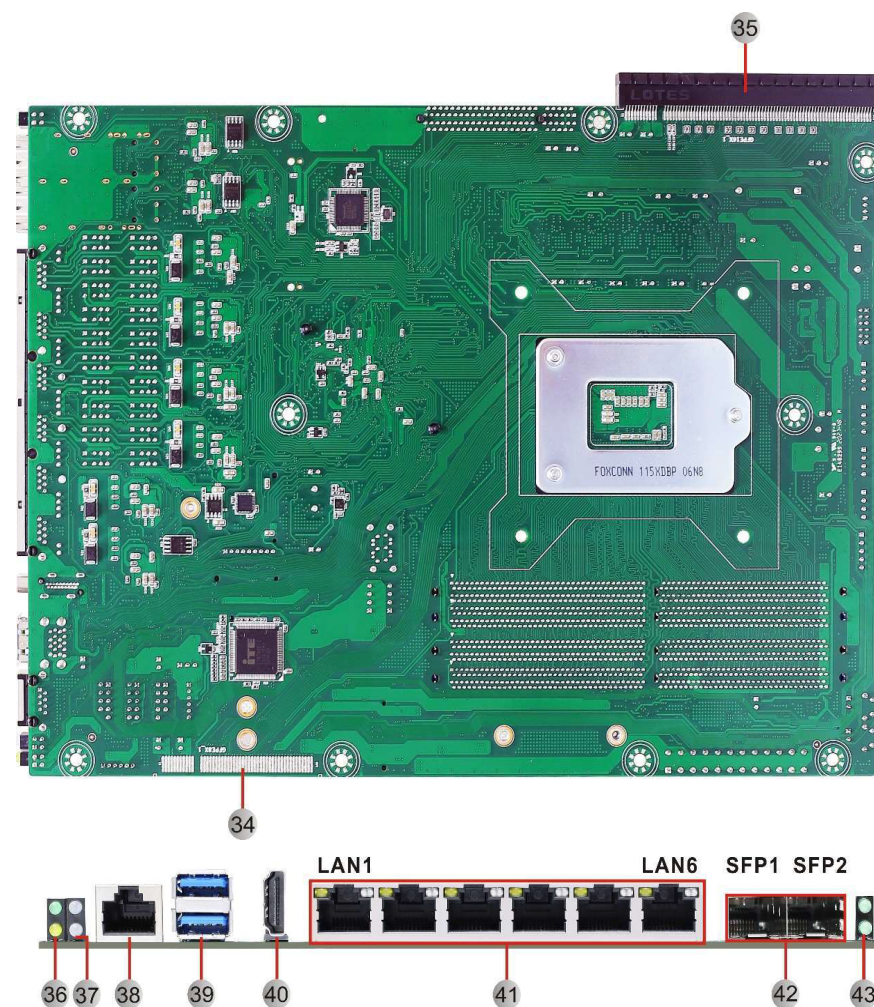
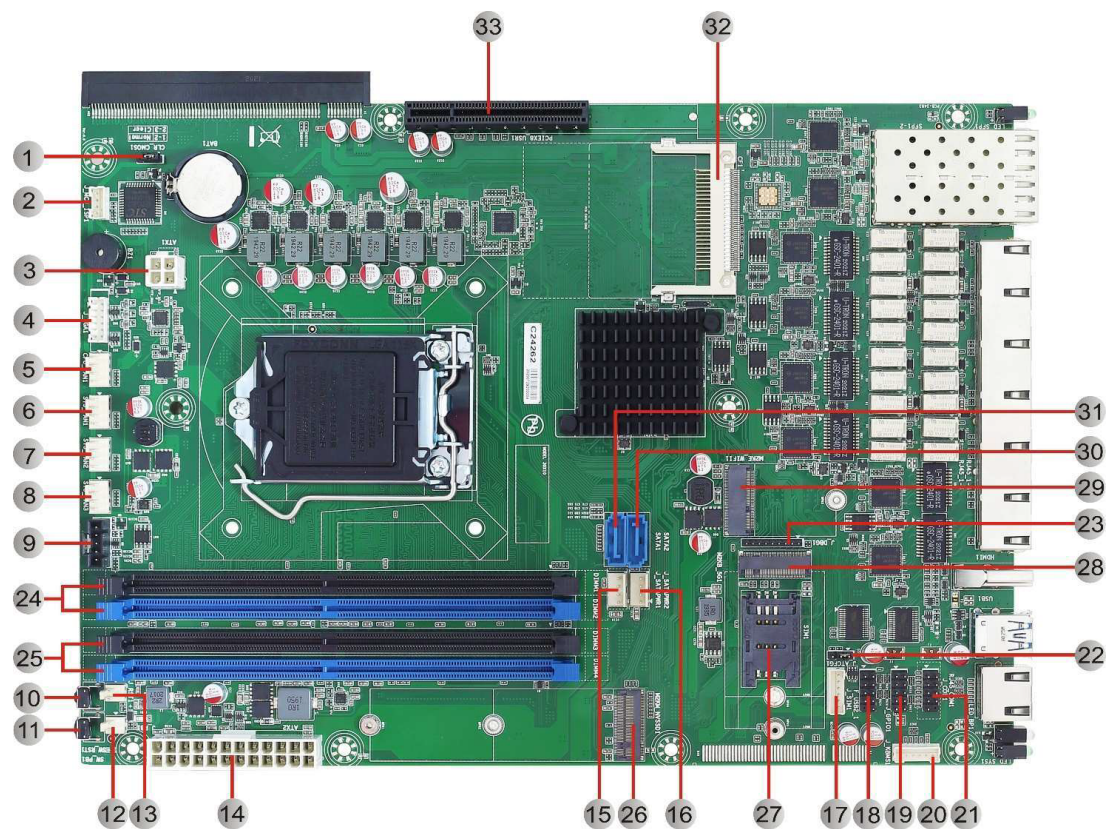
产品规格:

CPU	支持 Intel 8-9th 酷睿/ 奔腾/ 赛扬 CPU, LGA1151 CPU 针 TDP: Hexa-Core 95W
芯片组	Intel® C246 芯片组, TDP 6W
内存	DDR4-2666MHz, 4 * ECC SODIMM Slot, Up to 64GB
存储	1 * M.2 (NGFF) Key-M Slot (2242/2280) ; 2 * SATA3.0 ; 1 * CF Card Slot
以太网	6 * 千兆电网口 (10/100/1000 自适应) 支持 2 组 3 代 BYPASS ; 2 * 千兆光网口 (10/100/1000 自适应)
显示	1 * HDMI ; 1 *VGA (Header)
PCIE 扩展	1 * M.2 (NGFF) Key-B Slot (5G, 3042/ 3052, with 1 * SIM Slot/Header) 1 * M.2 (NGFF) Key-E Slot (WIFI, 2230, only for C246) 1 * PCI-E x8 Slot (x4 PCH PCIE, only for C246) 1 * PCI-E x16 Side Plug Slot (x8 CPU PCIE, x4 PCH PCIE, 15*GPIO) 1 * PCI-E x8 Side Plug Slot (x4 CPU PCIE)
COM	1 * RS232 (COM1, RJ45) ; 1 * RS232 (COM2, Header)
I/O	8 * GPIO 1 * PS/2 Header (Keyboard & Mouse) 1 * Port80 Debug Header 1 * PMBus Header 1 * MCU ISP Header

产品规格:

	1 * CPU FAN 3 * System FAN 1 * System Reset Button/Header 1 * Power Button/Header 1 * CMOS Clear Jumper 1 * AT or ATX Select Jumper 1 * Power + HDD 2in1 LED 1 * Bypass 2in1 LED 1 * SFP 2in1 LED 2 * USB3.0 2 * USB2.0 Header
版型	288mm*207mm
系统	Windows 10, Linux
供电	ATX
工作温度	0~60 °C
存储温度	-20~70°C

产品接口定义图:



产品接口定义图:

①	CLR_CMOS1	CMOS Clear Jumper
②	J_MCU_ISP1	MCU ISP Header
③	ATX1	ATX 4P CPU Power Input Connector
④	J_VGA1	VGA Signal Header
⑤	CPU_FAN1	CPU FAN Header
⑥	SYS_FAN1	System FAN Header1
⑦	SYS_FAN2	System FAN Header2
⑧	SYS_FAN3	System FAN Header3
⑨	J_PMB1	PMBus Header
⑩	SW_RST1	System Reset Button
⑪	SW_PB1	Power Button
⑫	J_PB1	Power Button Header
⑬	J_RST1	System Reset Header
⑭	ATX2	ATX 24P Power Input Connector
⑮	J_SATAPWR1	SATA Power Header1
⑯	J_SATAPWR2	SATA Power Header2
⑰	J_SIM1	SIM Card Header

产品接口定义图:

18	F_USB2_1	Front USB2.0 Header
19	J_GPIO1	GPIO Header
20	J_KBMS1	PS/2 Header (Keyboard & Mouse)
21	J_COM1	COM2 Header
22	J_ATCFG1	AT or ATX Select Jumper
23	J_DBG1	Port80 Debug Header
24	DIMM1/DIMM2	DDR4 CHA DIMM Slot1/2
25	DIMM3/DIMM4	DDR4 CHB DIMM Slot3/4
26	M2KM_NVSSD1	M.2 (NGFF) Key-M Slot (SATA SSD, 2242/2280) for H310 SATA/ NVMe (4x Lane) SSD auto detected for C246
27	SIM1	Full-Size SIM Card Slot
28	M2KB_5G1	M.2 (NGFF) Key-B Slot (5G, 3042/3052)
29	M2KE_WIFI1	M.2 (NGFF) Key-E Slot (WIFI, 2230, only for C246)
30	SATA2	SATA3.0 7P Connector2
31	SATA1	SATA3.0 7P Connector1
32	CF1	CF Card Slot
33	PCIEX8_USR1	PCI-E 8x Slot (only for C246)

产品接口定义图:

34	GFPE8X_1	PCI-E 8x Side Plug Slot
35	GFPE16X_1	PCI-E 16x Side Plug Slot
36	LED_SYS1	Power + HDD 2in1 LED
37	LED_BP1	Bypass 2in1 LED
38	RJ45_COM1	COM1 RJ45 Connector
39	USB1	Dual USB3.0 TYPE-A Connector
40	HDMI1	HDMI Upright TYPE-A Connector
41	RJ45_1-6	GBE LAN RJ45 Connector1/2/3/4/5/6
42	SFP1-2	SFP Connector1/2
43	LED_SFP1	SFP 2in1 LED