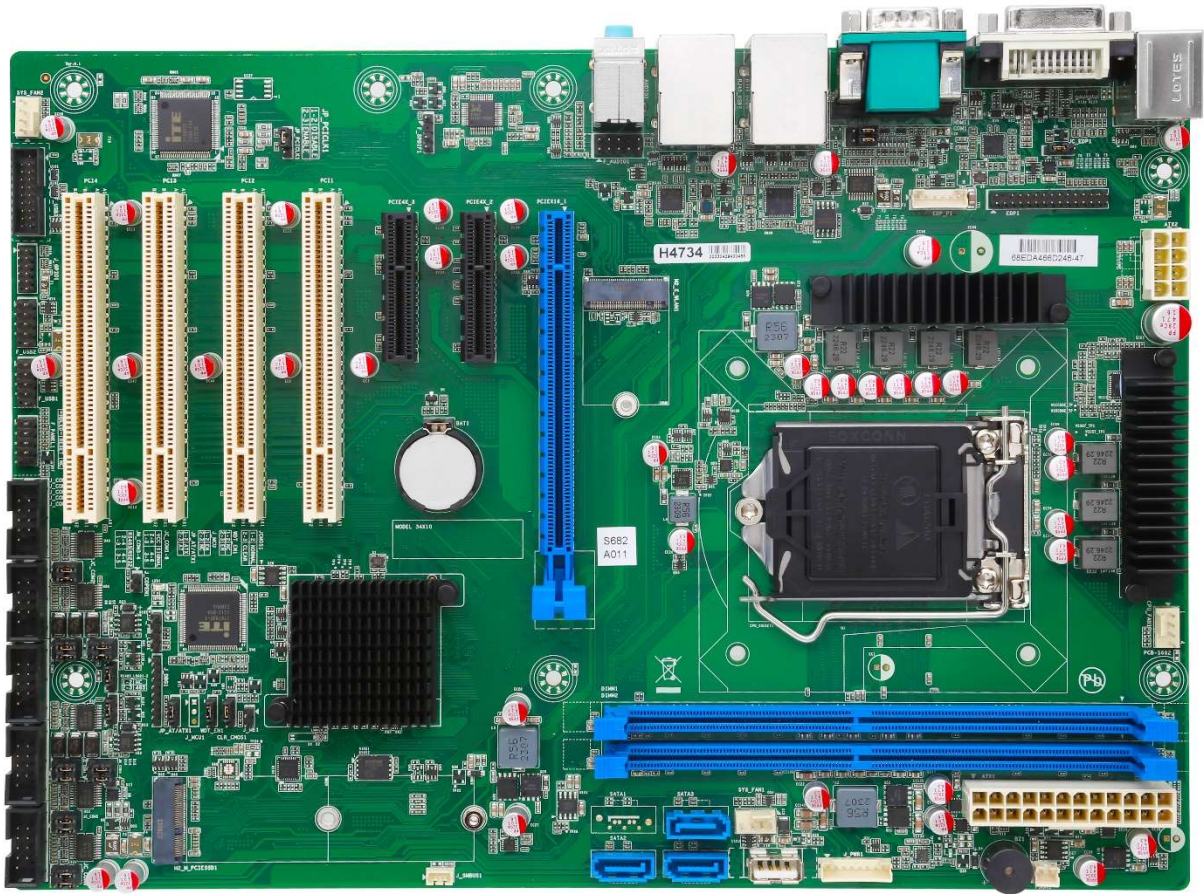


技术规格书

XSZL-H47348

武汉芯树智连科技有限公司



产品概述

XSZL-H47348基于 Intel® 10th Generation Core i3/5/7/9, Pentium®, Celeron® Processors, Comet Lake-S, Support MAX CPU TDP: Hexa-Core 65W, Deca-Core 35W系列CPU开发的一款高性能的单路主板。适用于高性能计算，为数据中心、私有云以及企业，在性能、经济性和内建功能方面提供一款极为灵活的服务器主板。

产品特点

支持Intel® 10th Generation Core i3/5/7/9, Pentium®, Celeron® Processors处理器。

2 个 DDR4 DDR4- 2133/2400/2666/2933MHz UDIMM slots Up to 64GB

具有多个扩展接口 2 x M.2 Key-E; 1 个 PCIE 16X; 2 个 PCIE 4X ; 4 个 PCI;

2个千兆网络控制器，芯片采用Intel I225-V和I219-V

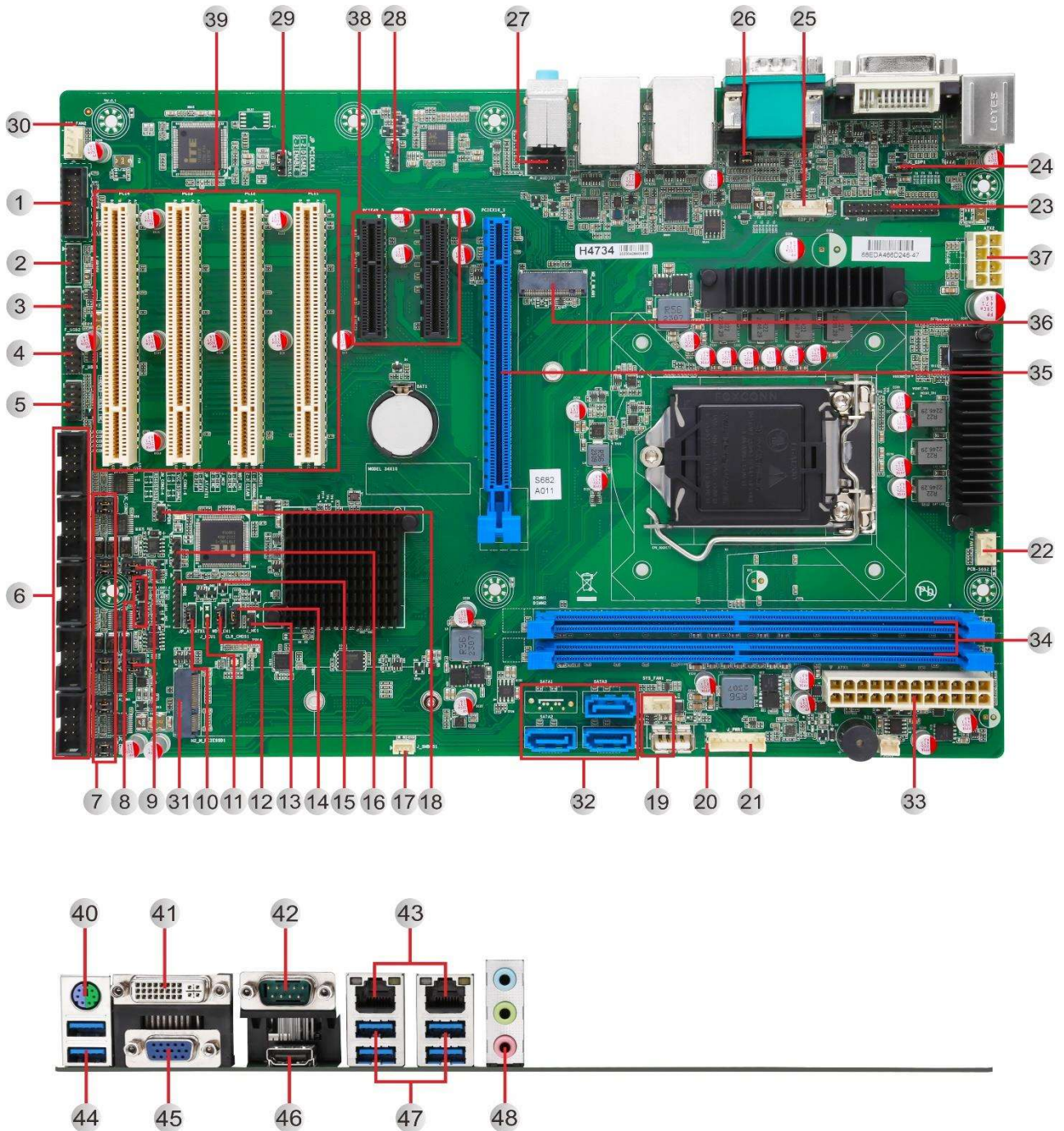
应用领

应用于高性能计算，私有云以及企业，在性能、性价比和内建功能方面提供一款极为灵活的服务器主板。多用于通讯、智能交通、监控、金融、石化、环保、军工、电力、高速公路等。

产品规格参数

CPU	Intel® 10th Generation Core i3/5/7/9, Pentium®, Celeron® Processors, Comet Lake-S, Support MAX CPU TDP: Hexa-Core 65W, Deca-Core 35W
芯片组	Intel® H470
内存	2 x DDR4 2933 UDIMM slots Up to 64GB
供电接口	24Pin ATX CPU 8Pin x 1
显示	1 x VGA DB15 1 x DVI-D 1 x HDMI 1 x EDP Header
网络	1 x Intel I219-V 1 x Intel I225-V for 1000Mbps
存储	3 x 7Pin SATA3.0 1 x M.2 Key-M Slot (PCIE 2x/SATA, Default SATA, Support SATA SSD, 2242/2280)
I/O	1 x VGA DB15 1 x DVI-D 1 x HDMI 6 x USB3.0 2 x 标准 RJ45 1 x ALC897 5.1 HD Audio Codec Support 2 * MIC + 2 * Line-out + 1 * Line-in 1 x PS/2 1 x COM
内部接口	1 x PCIE 16X; 2 x PCIE 4X 3 x Fan Header 4 x PCI Slot 1 x SMBUS Header 1 x Front Panel Header 8 x GPIO 4 x USB2.0 (Header, Internal) 2 x USB3.0 (BOX Header, Internal) 1 x USB2.0 (TYPE-A, Internal)
BIOS	AMI UEFI BIOS
环境温度	Storage: -20~75°C Operating: 0~60°C
尺寸	305mm * 220mm

主板接口介绍



**Jumpers / Headers and
Connectors**

1	F_USB3	Front USB3.0 BOX Header
2	J_GPIO1	GPIO Header
3	F_USB2	Front USB2.0 Header
4	F_USB1	Front USB2.0 Header
5	F_PANEL1	Front Panel Header
6	J_COM2-6	COM2-6 Headers
7	JC_COM2-6	COM2-6 DCD/5V+ RI/12V Select Jumper
8	RS485_LOAD1-2	COM3-4 RS485 Signal 120Ω Resistive Termination SelectJumper
9	JM_COM3-4	COM3-4 RS232/RS485 Select Jumpers
10	JP_AT/ATX1	AT or ATX Select Jumper
11	J_MCU1	MCU Debug Header
12	WDT_EN1	Watch Dog Reset Enable/Disable Select Jumper
13	J_ME1	ME Flash Header
14	CLR_CMOS1	CMOS Clear Select Jumper
15	J_DBG1	LPC Debug Header
16	J_PWR_LED1	Power LED Header
17	J_SMBUS1	SMBus Wafer
18	J_COPEN1	Case Open Header
19	SYS_FAN1-2	System FAN1-2 Headers
20	J_PWR1	Power Expand Wafer
21	PSON1	Power On Wafer
22	CPU_FAN1	CPU Fan Wafer
23	EDP1	EDP Signal Header
24	JC_EDP1	eDP VDD Select Jumper
25	EDP_P1	eDP Backlight Control Header
26	JC_COM1	COM1 DCD/5V+ RI/12V Select Jumper
27	F_AUDIO1	Front Audio Header
28	F_SPDIF1	SPDIF Out Header
29	JP_PCICLK1	PCI CLK 66MHz Disable/ Enable Select Jumper

30	R_USB1	USB2.0 TYPE-A Up-right Connector
31	M2_M_PCIESSD1	M.2 Key-M Slot (PCIE 2x/SATA, Default SATA, Support SATA SSD, 2242/2280)
32	SATA1-4	SATA3.0 Connector1-4
33	ATX1	ATX 24P Power Input Connector
34	DIMM1-2	DDR4 CHA/B DIMM Slot
35	PCIEX16_1	PCI-E 16x Slot
36	M2_E_WLAN1	M.2 Key-E Slot (PCIE+USB2.0, Support WIFI+ BlueTooth, 2230)
37	ATX2	ATX 8P CPU Power Input Connector
38	PCIE4X_2-3	PCIE4X Slot1-2
39	PCI1-4	PCI Slot1-4
40	KBMS_USB1 (PS/2)	PS/2 Connector (keyboard & mouse)
41	DVI_VGA1 (DVI)	DVI-I 24+4P/F Connector (Support DVI-D)
42	COM1	COM1 Connector
43	RJ45_USB1-2 (LAN)	GBE LAN RJ45 Connector1-2
44	KBMS_USB1 (USB)	Dual USB3.0 TYPE-A Connector
45	DVI_VGA1 (VGA)	VGA DB15 Connector
46	HDMI1	HDMI TYPE-A Connector
47	RJ45_USB1-2 (USB)	Dual USB3.0 TYPE-A Connector1-2
48	AUDIO1	Line-Out + MIC + Line-In 3.5mm Jack