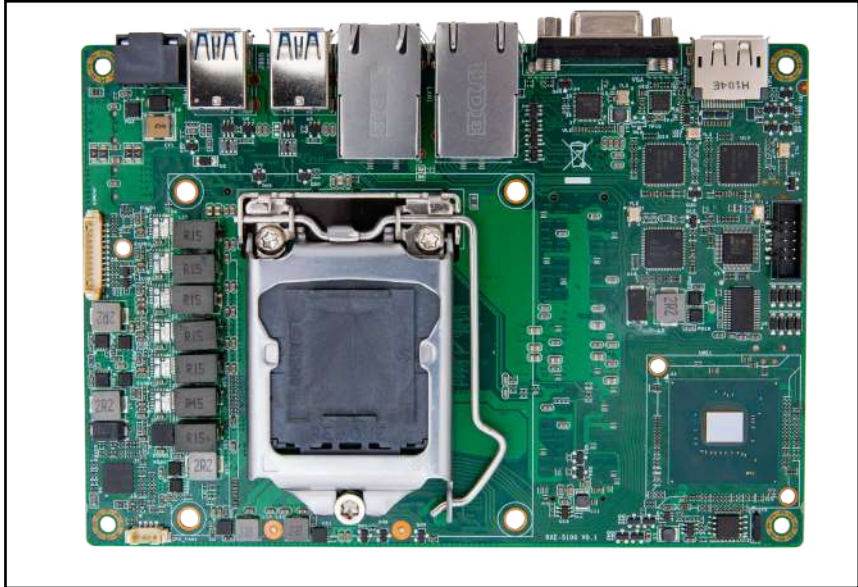# RXE-5100 基于Intel® Comet Lake-S平台的单板电脑

• **Features 产品特性**

✓ 支持Intel® 第10代Comet Lake-S平台高性能处理器

✓ Intel® H420E 芯片

✓ AMI UEFI at 64Mbit SPI BIOS

✓ 最高32G 双通道 DDR4 2400/2666/2933内存

✓ 板载B2B接口，可便捷定制和扩展丰富功能

✓ 支持Intel® vPro

✓ 紧凑式无风扇设计，契合工业设计趋势

• **Specifications 规格信息**

Item	SPEC	Description
Processor System	CPU	Intel Comet lake S Max I7-10700
	TDP	65W MAX
	Socket	LGA1200
	Chipset	H420E
	BIOS	AMI UEFI BIOS at 64 Mbit SPI
Memory	Technology	Dual Channel (Non-ECC) DDR4 2400/2666/2933
	Max. Capacity	32 GB
	Socket	2 x 260-pin SO-DIMM
Graphics	Controller	Intel HD Graphics
	VRAM	1 GB maximum shared memory with 2 GB and above system memory installed
Display	DisplayPort	2 (Resolution up to 4096 x 2304 @ 60 Hz)
	VGA	1 (Resolution up to 1920 x 1200 @ 60 Hz)
	Mulit-Display	VGA+DP
Ethernet	Interface	10/100/1000 Mbps
	Controller	GbE LAN1: Intel I219-LM, GbE LAN2-4: Intel I211-AT or I210-AT (iBMC supported)
	Connector	6 x RJ-45 可扩展
Expansion Slot	DP++X1	1
	USB3.0/PCIE x2	1
	PCIe x4(Gen3)	1
	+12V	1
Storage	M.2	2（M/B key-2280 Support SATA SSD)
Rear I/O	VGA	1 (Resolution up to 1920 x 1200 @ 60 Hz)
	DisplayPort	2 (Resolution up to 4096 x 2304 @ 60 Hz)
	Ethernet	4 RJ45
	USB	4 (2 x USB 3.1 Gen 2, 2 x USB 3.1 Gen 1)
Internal Connectors	USB	USB 1 (1 x USB 2.0 Type-A connector)
	Serial	1 (RS-232)
	M.2	1（M/B key-2280 Support SATA SSD)
	GPIO	8-bit
Watchdog Timer	Output	System reset
	Interval	Programmable 1 ~ 255 sec
Power Requirement	Test Environment	Intel Core I7-9700 DDR4 16GB X2
Environment	Temperature	Operating 0 ~ 60 °C (32 ~ 140 °F) Non-Operating -40 ~ 85 °C (-40 ~ 185 °F)
	Humidity	Operating 40 °C @ 95% RH Non-condensing；Non-Operating 60 °C @ 95% RH Non-condensing
Physical Characteristics	Dimensions (L x H)	165 x 115 mm