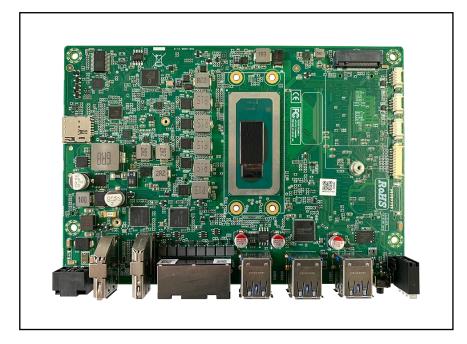


RXE-5300 Series Single Board PC



Features 产品特性

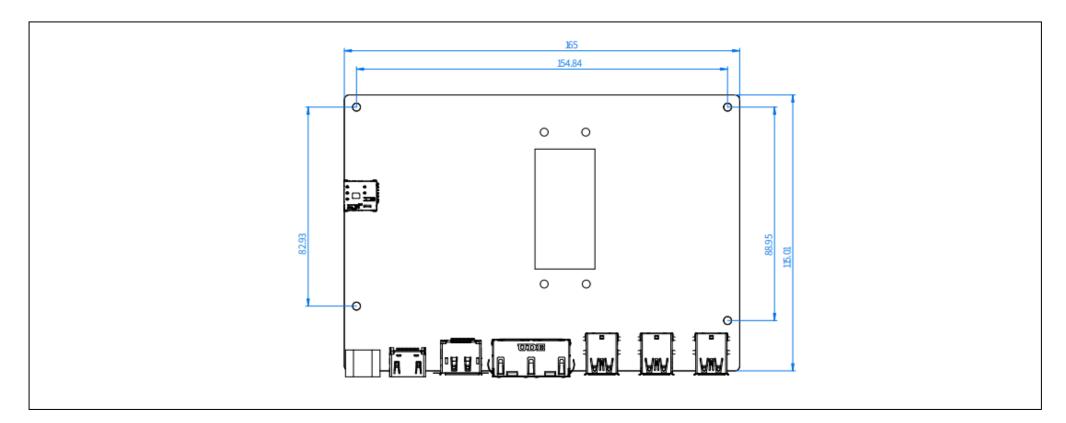
- Intel® 12th Gen Alder Lake-P platform CPU
- Dual Channel DDR4 4800 MT/s SO-DIMM, max. 64 GB memory
- 1 x DP, 1 x HDMI, 1 x eDP/LVDS
- 2 x Intel i210-AT GbE LAN (Support POE function)
- 6 x USB 3.0, 3 x internal USB 2.0
- Support 1 x RS-232/422/485, 1 x RS-232 and 8-bit GPIO
- Support CANBus 2.0 A/B, eSPI Bus and SMBus
- 3 x M.2, 1 x SATA3.0, 1 x Nano SIM, 1 x BTB Connector
- Support Watchdog and TPM 2.0

Specifications 规格信息

Power Requirement TPM TPM 2.0 Power Requirement Supply Voltage DC 9-36V ± 5% Power Management AT/ATX Max. Consumption 90W Test Environemnt Intel Core 17-1270P DDR5 32GB x2 Environment Storage Temperature -25 - 60 °C, Extend -40° -85° C Volcasify Clyon-Condensing) 95%@40°C(Non-Condensing) Relative Humidity (Operating) 95%@60°C(Non-Condensing)	Specs	Item	RXE-5300 Series
Processor of the content of the con	Processor System	CPU	Intel® 12th Gen Alder Lake-P platform CPU
Mean16MoniformationMonath40400Monath40400Monath40400Monath400400Monath <td>TDP</td> <td>45W MAX</td>		TDP	45W MAX
MonthMonthNoMonth </td <td>BIOS</td> <td>AMI 128Mbit SPI Flash</td>		BIOS	AMI 128Mbit SPI Flash
ObjectMesodeMesodeMesodeObjectJack Interface (Interface)	Memory	Sockets	2 x DDR4-4800 SO-DIMM
KeymoneMembraneMembraneMembraneMembraneMembraneMembraneMembraneMembraneMana480 (Membrane)480 (Membrane)MembraneMana480 (Membrane)MembraneMembraneMana480 (Membrane)MembraneMana480 (Membrane) <td>Capacity</td> <td>Max. 64GB</td>		Capacity	Max. 64GB
Political parameter		Controller	Intel® Iris XeGraphics architecture with up to 96 Eus
BigManagementMinimannenderinderinderinderinderinderinderind	Graphics	Graphic Features	8K60 12b 4:2:0 HEVC/VP9/SCC, 8K30 10b 4:2:0 AV1, 5K60 10b 4:4:4 HEVC/VP9/SCC, 4K60 8b 4:2:0 AVC
Memoria ProgrammanaProcessor ProgrammanaProcessor Processor		DP	1 x DP1.4a up tp 4096x2304x36bpp@60Hz,or 5120x3200x24bpp@60Hz
Final Properties of the P	Display	ндмі	1 x HDMI2.0b up to 4096x2304x24bpp@60Hz
Event IO Image (Proprior of the Proprior of the Prop		LCD1	1 x eDP or LVDS Dual Channel 18/24-bit,up to 1920x1200
DefendMemoryand order (single) (single) (single)100100(single) (single)100100(single) </td <td></td> <td>DP</td> <td>1</td>		DP	1
Read to the properties of the pr		номі	1
Main I Main I Mana I		Ethernet	2 x Intel i210-AT GbE LAN (Support POE)
Problems10mm40mm10mm10mm10mmRank10mm <td>External I/O</td> <td>USB 3.0</td> <td>6</td>	External I/O	USB 3.0	6
Problem 1 A Serio Maria Salaman S		Reset	1
Management (Propriet Propriet P		LED	4 (Power status, HDD RW,USER1,USER2)
Position		Power Button	1
Image: Properties of the Control of the Con		USB 2.0	3 x Internal USB2.0
Image: Properties of the control o		LCD 1	1
Propertion Septimization		SATA	1 x SATA3.0
Image: Properties of the control of the co		SATA Power	1
Proposed Properties of Strong Properties of Stron		Serial Port	1 x RS-232/422/485, 1 x RS-232
Nemantian Principal Pri		GPIO	8-bit general purpose input/output
In Part In Par		GPIO	1-bit general purpose input/output (Watchdog)
NemericanAffician18100 <tr< td=""><td></td><td>PSE CAN</td><td>1 (CANBus 2.0 A/B)</td></tr<>		PSE CAN	1 (CANBus 2.0 A/B)
Interal Conceptor In Part In Par		Audio	1 x HAD
ApplicationNone MedicationNone MedicationHance44Herbit		eSPI Bus	1
Menter 1 CAI FAR 1 CAI FAR 1 FARE PRIVATE CIRCLE PERF PRIVATE CIRCLE PERF PRIVATE CIRCLE FARE PRIVATE CIRCLE PERF PRIVATE CIRCLE PERF PRIVATE CIRCLE ADDRESS 4 CAIT CORRESS ADDRESS 4 CAIT CORRESS CAIT CORRESS ADDRESS 4 CAIT CORRESS CAIT	Internal Connectors	SIM	1 x Nano SIM
Pound Province 10 Pound		SMBus	1
MSFAIN 10 MERCENTRATION PROFESTION PROVIDED		Invertor	1
PortPlace Coronis Power ED, Hol ED, Rote, Power Switch ADVER 1 Britance 1 Brown 2 Brown 2 Brown 3 Brown 3 Brown 3 Brown 3 Brown 3 Brown 3 Brown <		CPU FAN	1
Power Partners Power Partners Power Partners Power Partners Power Partners Power Partners Power Partners Power Partners Power		SYS FAN	1
ProblemsEconomic1Auge10pontal10pontalAuge40pontal10pontalAugeAuge Power ont cost BIOS defaut1AugeAuge Power ont cost BIOS defaut1AugeAuge1 xM 2E-Key 2200 support WiFiAugeAuge1 xM 2E-Key 2200 support WiFiAugeAuge1 xM 2E-Key 2200 support WiFiAuge1 xM 2E-Key 2200 support WiFiAuge2 xM 2E-Key 2200 support WiFiA		Front Panel Control	Power LED, HD LED, Reset, Power Switch
Burner of DeEuzer1Jumps of DE20 Powerdaediight AU.31Jumps of DE20 Powerdaediight AU.31Jumps of DE20 Powerdaediight AU.31Jumps of DE20 Powerdaediight AU.31 AU.2Jumps of DE20 Powerdaediight AU.31 AU.2Jumps of DE20 Powerdaediight AU.31 AU.2 E-Key 220 support WFJumps of DE20 Power AU.31 AU.2 E-Key 220 support WFJumps of DE20 AU.320 AU.3 E-Key 220 support WFJumps of DE20 AU		JPOWER	1
Jumps of DIPUPS(Iopinaria)Jumps of DIPAnd Power and all BIS default1Buzzer11 <t< td=""><td>RTC Battery</td><td>1</td></t<>		RTC Battery	1
Jumps or DIP Po Power 88 backight ADJ 1 Jumps or DIP Auto Power on Load BIOS defaut 1 Buzzer 1 Legan August M2 E-Kery 1 x M2 E-Kery 2230 support WIF Legan August M2 E-Kery 1 x M2 E-Kery 2230 support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery 1 x M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery M2 E-Kery 2230 Support WIF M2 E-Kery M2 E-Kery		Buzzer	1
Jumps of DIPAllo Power of Load BlOS defaul1Expansion2 Ekey1 xM.2E-Key 220 support WIFBack Diplomation1 xM.2E-Key 220 support WIFBack Diplomation2 xM.2E-Key 220		UPS	1(Optional)
Buzer 1 Expansion M.2 E-Key 1 x M.2 E-Key 2230 support WIF 1 Expansion M.2 E-Key 1 x M.2 E-Key 2230 support WIF 1 M.2 E-Key 1 x M.2 E-Key 2230 support WIF 1 M.2 M-Key 1 x M.2 E-Key 2230 support WIF 1 M.2 M-Key 1 x M.2 B-M-Key 2230 PCIe4.0 M.2 M-Key 1 x M.2 B-M-Key 2230 PCIe4.0 M.2 M-Key 1 x M.2 B-M-Key 2230 PCIe4.0 M.2 M-Key 2 x M-Key 2 x M-Key 2 x M-Key M.2 M-Key 2 x M-Key	Jumps or DIP	eDP Power&Backlight ADJ	1
Expansion M.2 E-Key 1 x M.2 E-Key 2230 support WiF Expansion M.2 B-Key 1 x M.2 B-Key 3052 Support 4G USB3.0 M.2 M-Key 1 x M.2 B-M-Key 2280 PCIe4.0 Board to Board 1 x M.2 B-M-Key 2280 PCIe4.0 Board Feature Watchdog Timer 65536 lever, 0.45535 sec TPM TPM 2.0 Power Management AT/ATX Max. Consumption 90W Teat Environemt Intel Core I7-1270P DORS 32GB x.2 Environement Storage Temperature 25 - 60 °C, Extend -40° -85° C Storage Temperature 40°C-85° C (4.0 - 185 °F) Relative Hunidity (Operating) 95% 80° C (Non-Condensing) Relative Hunidity (Non-Operating) 95% 80° C (Non-Condensing)		Auto Power on/Load BIOS defaut	1
Expansion 1x 2 E-Key 3052 Support 4G USB3.0 L2 Meky 1x M2 E-Mety 3052 Support 4G USB3.0 L2 Meky 1x M2 EMM Key 2280 PC1e4.0 Board Board 1x 4 PC1e x 1/2USB2.0/112C/16SPI4TTL (TXRX/CTS/RTS/GND) Board Feature Widehog Timer 65558 lever, 0-65535 sec TPM TPM 2.0 Power Management AT/ATX Max Consumption 90W Text Environemt Intel Core 17-1270P DOR5 32GB x2 Environement 25 - 60 °C, Extend -40" -85" °C Sidage Temperature 40°C-85°C (40 - 185 °F) Bealive Humidity (Operating) 9%860°C (Non-Condensing) Bealive Humidity (Non-Operating) 9%860°C (Non-Condensing)		Buzzer	1
Expansion1x M2 BM-Key 2280 PCIe4.02x M2 FM-Key 2280 PCIe4.01x M2 BM-Key 2280 PCIe4.0Board FeatureWickdog Timer6558 lever, 0-65535 secPower Requirement5x phy Voltage7PM 2.0Power ManagementAT/ATXMax. Consumption3PM 2.0Test Environement1x PM 2.0Power ManagementAT/ATYMax. Consumption3PM 2.0Test Environement1x PM 2.0Power ManagementAT/ATYMax. Consumption3PM 2.0Test Environement1x PM 2.0Seating Temperature2x - 6x °C. Extend -40" -85" C4x Consumption4x °C-85" C(40 - 185" F)Board Temperature4x °C-85" C(40 - 185" F)Board Temperature4x °C-85" C(40 - 185" F)Board Temperature5x °C-85" C(40 - 185" F)Board Temperature4x °C-85" C(40 - 185" F)Board Temperature5x °C-85" C(40 - 185"	Expansion	M.2 E-Key	1 x M.2 E-Key 2230 support WiFi
M2 M-Key		M.2 B-Key	1 x M.2 B-Key 3052 Support 4G USB3.0
Board Feature Watchdog Timer 65536 lever, 0-65535 sec TPM 2.0 TPM 2.0 Power Requirement Supply Voltage DC 9-36V ± 5% Power Management AT/ATX Max. Consumption 90W Test Environemnt Intel Core i7-1270P DDR5 32GB x2 Power Management -25 - 60 °C, Extend -40° -85° C Relative Humidity (Operating) 95% 840°C(Non-Condensing) Relative Humidity (Non-Operating) 95% 860°C(Non-Condensing)		M.2 M-Key	1 x M.2 B/M-Key 2280 PCle4.0
Board Feature TPM TPM 2.0 Power Requirement Supply Voltage DC 9-36V ± 5% Power Management AT/ATX Max. Consumption 90W Test Environemnt Intel Core i7-1270P DDR5 32GB x2 Power Management -25 - 60 °C, Extend -40" -85°C Storage Temperature -40°C-85°C (40 - 185°F) Relative Humidity (Operating) 95%@40°C (Non-Condensing) Relative Humidity (Non-Operating) 95%@60°C (Non-Condensing)		Board to Board	1 x 4PCle x 1/2USB2.0/1I2C/1eSPI/4TTL (TX/RX/CTS/RTS/GND)
Power Requirement TPM TPM 2.0 Power Requirement Supply Voltage DC 9-36V ± 5% Power Management AT/ATX Max. Consumption 90W Test Environemnt Intel Core 17-1270P DDR5 32GB x2 Environment Storage Temperature -25 - 60 °C, Extend -40° -85° C Volcasify Clyon-Condensing) 95%@40°C(Non-Condensing) Relative Humidity (Operating) 95%@60°C(Non-Condensing)	Board Feature	Watchdog Timer	65536 lever, 0-65535 sec
Power Requirement AT/ATX Max. Consumption Post Environement Intel Core i7-1270P DDR5 32GB x2 Porting Temperature AT/CREative Humidity (Operating) Relative Humidity (Non-Operating) Relative Humidity (Non-Operating) AT/ATX AT/ATX		ТРМ	TPM 2.0
Power Requirement Max. Consumption Power Requirement Test Environement Intel Core i7-1270P DDR5 32GB x2 Operating Temperature -25 ~ 60 °C, Extend -40° -85° C Storage Temperature -40° C-85° C (-40 ~ 185 °F) Relative Humidity (Operating) Relative Humidity (Non-Operating) Power Requirement Intel Core i7-1270P DDR5 32GB x2 -25 ~ 60 °C, Extend -40° -85° C -40° C-85° C (-40 ~ 185 °F) Relative Humidity (Non-Operating) 95%@40° C(Non-Condensing) Relative Humidity (Non-Operating)	Power Requirement	Supply Voltage	DC 9-36V ± 5%
Max. Consumption 90W		Power Management	AT/ATX
Environment Operating Temperature -25 ~ 60 °C, Extend -40° –85°C Storage Temperature -40°C –85°C (-40 ~ 185 °F) Relative Humidity (Operating) 95%@40°C(Non-Condensing) Relative Humidity (Non-Operating) 95%@60°C(Non-Condensing)		Max. Consumption	gow
Environment Storage Temperature -40°C-85°C (-40 ~ 185 °F) Relative Humidity (Operating) 95%@40°C (Non-Condensing) Relative Humidity (Non-Operating) 95%@60°C (Non-Condensing)		Test Environemnt	Intel Core i7-1270P DDR5 32GB x2
Relative Humidity (Operating) 95%@40°C(Non-Condensing) Relative Humidity (Non-Operating) 95%@60°C(Non-Condensing)		Operating Temperature	-25 ~ 60 °C,Extend -40°~85°C
Relative Humidity (Operating) 95%@40°C(Non-Condensing) Relative Humidity (Non-Operating) 95%@60°C(Non-Condensing)		Storage Temperature	-40°C-85°C (-40 ~ 185 °F)
	Environment	Relative Humidity (Operating)	95%@40°C(Non-Condensing)
Dimensions LxH 165x115mm		Relative Humidity (Non-Operating)	95%@60°C(Non-Condensing)
	Dimensions	LxH	165 x 115mm



Dimensions 尺寸



Interface 接口

