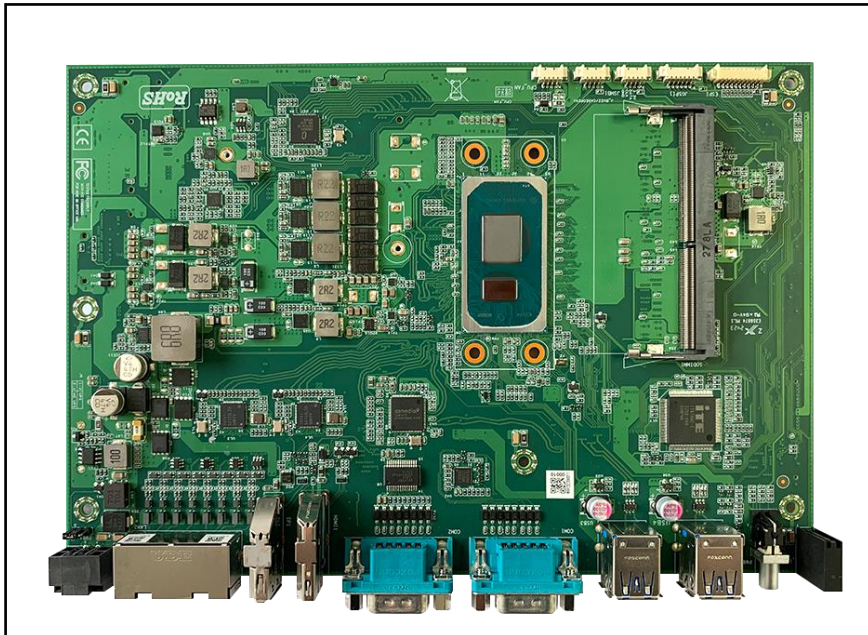# RXE-35A0 Series Single Board PC

Features 产品特性
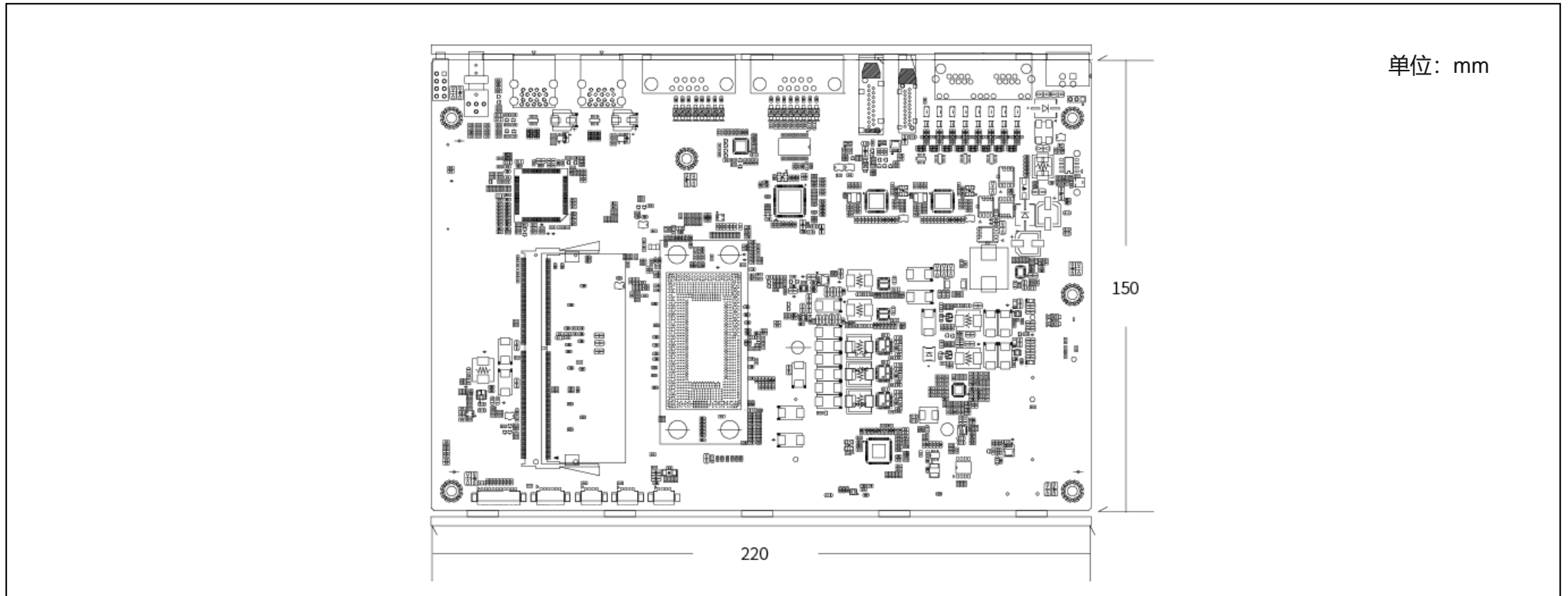
- Intel® 11th Gen Tiger Lake-U UP3 (i7-1165G7/i5-1135G7/i3-1115G4/6305E)
- Dual Channel DDR4 3200 MT/s SO-DIMM, max. 64 GB memory
- 1 x DP, 1 x HDMI, 1 x eDP/LVDS
- 2 x Intel i226-V GbE LAN
- 1 x RS-232/422/485, 1 x RS-232
- 4 x USB3.0, 2 x Internal USB2.0
- 3 x M.2, 1 x SATA3.0, 1 x Nano SIM
- 1 x UPS, 1 x BTB, 8 x GPIO
- Support Watchdog and TPM 2.0

Specifications 规格信息

Specs	Item	RXE-35A0 Series
Processor System	CPU	Intel® 11th Gen Tiger Lake U UP3 (i7-1165G7/i5-1135G7/i3-1115G4/6305E)
	TDP	28W MAX
	BIOS	AMI 128Mbit SPI Flash
Memory	Sockets	2 x DDR4-3200 SO-DIMM
	Capacity	Max. 64GB
Graphics	Controller	Intel® Iris® Xe graphics, up to 96 graphics execution units (EU)
	Graphic Features	5K60 10b 4:4:4 HEVC/VP9/SCC, 8K60 12b 4:2:0, HEVC/VP9/SCC, 8K30 10b 4:2:0 AV1, 4K60 8b 4:2:0 AVC
Display	DP	1 x DP1.4a up to 4096x2304x36bpp@60Hz,or5120x3200x24bpp@60Hz
	HDMI	1 x HDMI2.0b up to 4096x2304x24bpp@60Hz
	LCD1	1 x eDP or LVDS up to 1920x1200@60Hz
External I/O	DP	1
	HDMI	1
	Ethernet	2 x Intel i226-V GbE LAN
	Serial Port	1 x RS-232/422/485, 1 x RS-232
	USB 3.0	4
	Reset	1
	LED	4 (Power status, UPS, USER2, USER1)
	Power Button	1
Internal Connectors	USB 2.0	2 x Internal USB2.0
	LCD 1	1
	SATA	1 x SATA3.0
	SATA Power	1
	GPIO	8-bit general purpose input/output
	Audio	1 x HAD
	eSPI Bus	1
	SIM	1 x Nano SIM
	SMBus	1
	Invertor	12V/5V/3.3V selectable
	CPU FAN	1
	RTC Battery	1
	UPS Battery	1
	LED Connector	Power LED, SATA LED,USER LED1 USER LED2,UPS1
Jumps or DIP	eDP Power&Backlight ADJ	1
	Auto Power on/Load BIOS defaut	1
Expansion	M.2 E-Key	1 x M.2 E-Key 2230 support WiFi
	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 PCIex4 support SSD
	Board to Board	1 x 4PCIe x 1/2USB2.0/1I2C/1eSPI/4TTL (TX/RX/CTS/RTS/GND)
Board Feature	Watchdog Timer	65536 lever，0-65535 sec
	TPM	TPM 2.0
Power Requirement	Supply Voltage	DC 24V ± 5%
	Power Management	AT/ATX
	Max. Consumption	60W
	Test Environemnt	Intel Core i7-1165GRE DDR4 32GB x2
Environment	Operating Temperature	0~ 50 °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)

Dimensions 尺寸

单位：mm

150

220

Interface 接口

24V DC IN　　2 GbE LAN　　DP　HDMI　　　2 COM　　　　4 USB3.0　Power Button　LED