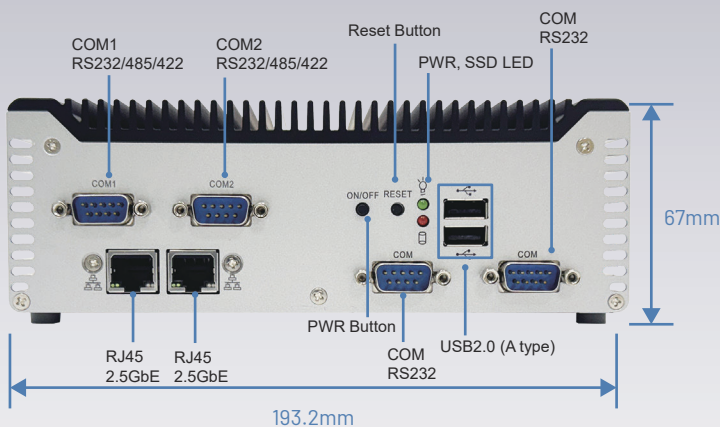




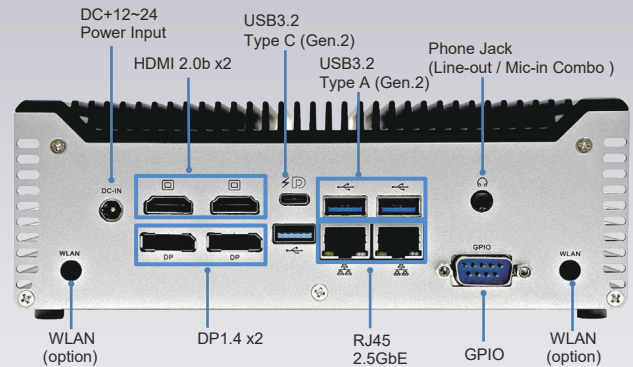
EBOX-RTL-1335U Series Fanless Box PC

High-performance embedded computer powered by 13th Gen Intel® Core™ i5-1335U processor, delivering up to 4.6GHz computing power. Supports dual-channel DDR5 4800MHz memory up to 64GB for enhanced bandwidth. Offers multiple display outputs—HDMI, DP, and USB Type-C DP—supporting up to four simultaneous 4K HDR displays. Equipped with rich I/O including 2.5GbE LAN, RS232/422/485, SATA III, GPIO, and versatile M.2 slots with Nano SIM support. Designed for industrial applications with wide voltage input (12~36V) and operating temperature range of -20°C to +50°C.

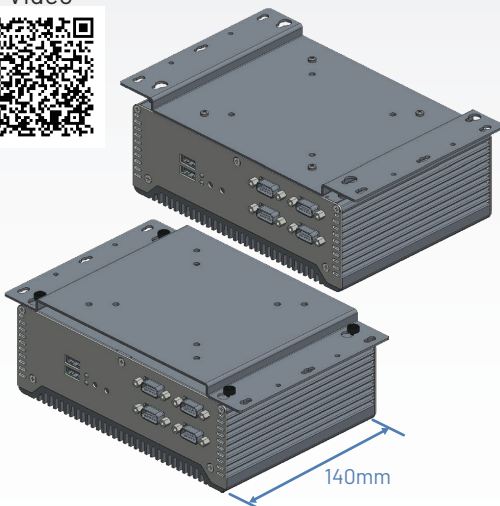
Front I/O



Rear I/O



Video



▲ Wall-mount and VESA-mount supported

Features

- ▶ Intel® 13th Gen Core™ i5-1335U up to 4.6GHz
- ▶ DDR5 4800MHz Dual SODIMM Up to 64GB
- ▶ 2.5GbE up to 4, GPIO x1, SATA III
- ▶ HDMI x2, DP x2, Type-C DP x1
- ▶ Support up to 4 simultaneous 4K HDR Displays
- ▶ M.2 Slots: M/E/B+M/B-Key, Nano SIM
- ▶ COM1/COM2 RS232/422/485, COM3/COM4 RS232, COM5~8 RS485/422
- ▶ DC input +12~36V power adapter, Lockable DC Jack (optional)
- ▶ External Nano SIM (optional)
- ▶ Operating Temperature -20°C to +50°C

EBOX-RTL-1335U Series Specifications				
Model type	EBOX-RTL-1335U	EBOX-RTL-1335U-C6	EBOX-RTL-1335U-MUX8	EBOX-RTL-1335U-L4
Processor	Intel® Core™ i5-1335U Processor (13th Gen) – up to 4.6 GHz			
System RAM	2 x DDR5 4800MHz, Dual Channel SO-DIMM, up to 64GB			
BIOS	AMI UEFI BIOS			
Storage	M.2 M-key x1 (2242/2280)	SATA III x1 (2.5" SATA SSD, SATA DOM, SLIM DOM)		
	PCIe Gen.4 support NVMe x1			
Expansion	M.2 E-key x1 (2230) USB2.0/PCIe interface support CNVi x1 M.2 B-key 3042/3052 (USB 3.2) for 4G/5G/LTE x1 or B+M-key 2242 (SATA III/PCIe 3.0 x1) for SSD x1			
Display	Intel® Iris® Xe Graphics			
	HDMI 2.0b x2 (Max. 4096x2160@60Hz, HDR10 supported)			
	DP1.4 x2 (Max. 4096x2160@60Hz, HDR10 supported)			
	Type-C DP 1.4 x1 (Max. 4096x2160@60Hz, HDR10 supported)			
	Supports up to 4 simultaneous 4K HDR displays			
Ethernet	Intel® i226V 2.5GbE x1			
	Intel® i226LM 2.5GbE x1			Intel® i226LM 2.5GbE x3
Audio	Realtek HD Combo Audio x1			
SIM	Nano SIM x1			
Front I/O	Power button x1/Reset button x1/Power LED x1/SSD LED x1/USB 2.0 x2			
	COM x4	COM x6	COM x8	COM x4 + RJ45 x2
	RS232/485/422 x2	RS232/485/422 x2	RS232/485/422 x2	RS232/485/422 x2
	RS232 x2	RS232 x4	RS232 x2	RS232 x2
			RS485/422 x4	
Rear I/O	USB 3.2 (Gen2) x3/USB3.2 Gen 2 Type-C x1 support DP ALT mode & PD 5V/3A			
	HDMI x2/DP x2/ RJ45 x2/Mic-in & Line -out Combo x1/ 8-bit GPIO x1			
OS support	Windows 10, Windows 11 (64-bit), Linux			
Mechanical & Environment				
Power Requirement	DC in +12~36V Power adapter only			
Power adapter	+12V7.5A (90W)			
Operating Temperature	-20~+50°C			
Storage Temperature	-30~+70°C			
Net Weight	2.2kgs			
Dimension (W x D x H)	193.2 x 140 x 67mm			
Certificates	CE, UKCA, FCC, VCCI			
Order information				
EBOX-RTL-1335U	Intel® Core™ i5-1335U Fanless Box PC w/ COM x4, LAN x2			
EBOX-RTL-1335U-C6	Intel® Core™ i5-1335U Fanless Box PC w/ COM x6, LAN x2			
EBOX-RTL-1335U-MUX8	Intel® Core™ i5-1335U Fanless Box PC w/ COM x8, LAN x2			
EBOX-RTL-1335U-L4	Intel® Core™ i5-1335U Fanless Box PC w/ COM x4, LAN x4			
POWER-90W-TGL	AC-DC power adapter DC12V@7.5A (AC 100~240V Input) (Optional)			
POWERCABLE(A)(G)(EN)(AU)	Power cord US/EU/UK/AU&NZ types (Optional)			
CASE-35-VESA	VESA Rack (Optional)			