

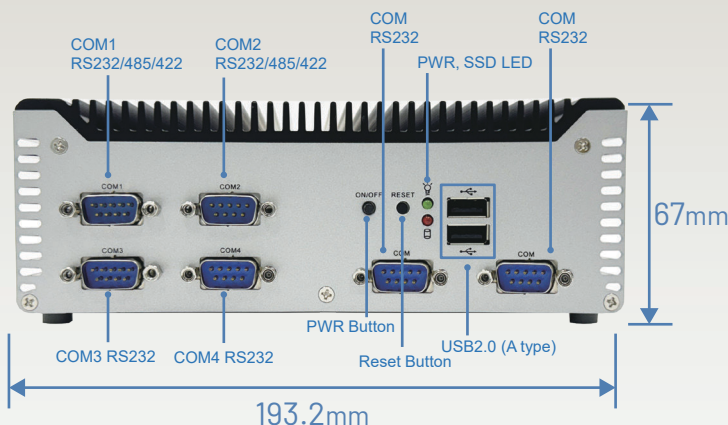


EBOX-TGL-35G7 Series Fanless Box PC

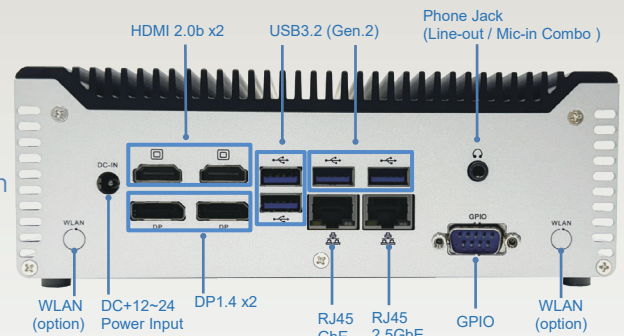
This fanless embedded computer is powered by an Intel® Tiger Lake i5-1135G7 Processor with a clock speed of 2.40GHz, support for up to 64GB of DDR4 3200MHz memory through dual-channel SO-DIMM slots, features two HDMI 2.0 ports and two DP 1.4 ports, supporting up to four 4K HDR displays or a single 8K SDR display.

The system is equipped with dual Ethernet ports, providing the flexibility to connect a wide range of peripherals, operates within a temperature range of -20°C to +60°C, DC jack power input range of +12V to +24V providing stable and reliable power in various operational settings.

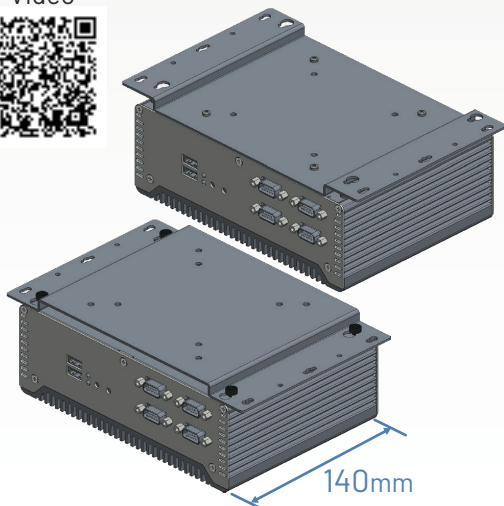
Front I/O



Rear I/O



▼ Video



▲ Wall-mount and VESA-mount supported

Features

- ▶ Intel® Tiger Lake i5-1135G7 Processor
- ▶ DDR4 3200MHz Dual Channel SO-DIMM x2, memory up to 64GB
- ▶ 2*HDMI 2.0b (Max Resolution: 4096x2160@60Hz)
- ▶ 2*DP 1.4 (Max Resolution: 4096x2304@60Hz)
- ▶ Support Four Displays (4K HDR Displays or One 8K SDR Displays (DP))
- ▶ M.2 E-key x1 (2230), USB2.0/PCIe interface (CNVi supported) WLAN/BT
- ▶ SATAIII x1 (2.5" SATA SSD, SATA DOM)
- ▶ COM1/COM2 RS232/485/422
- ▶ COM3/COM4/COM5/COM6 RS232
- ▶ DC Jack power input +12V~24V power adapter
- ▶ Operating Temperature -20°C to +60°C

EBOX-TGL-35G7 Series Specifications

Model type	EBOX-TGL-35G7	EBOX-TGL-35G7-C6	EBOX-TGL-35G7-MUX8	EBOX-TGL-35G7-L4
Processor	Intel® Tiger Lake i5-1135G7 Processor(Quad core 2.4GHz)			
System RAM	DDR4 3200MHz Dual Channel SO-DIMM x2, memory up to 64GB			
BIOS	AMI BIOS			
Storage	M.2 M-key x1(2242/2280) PCIe Gen.4 support NVMe SSD	SATAIII x1(2.5" SATA SSD, SATA DOM, SLIM DOM)		
Expansion	M.2 E-key x1(2230), USB2.0/PCIe interface(CNVi supported)WLAN/BT			
Display	Intel® HD Graphics, shared memory			
	HDMI 2.0b x2(Max. 4096x2160@60Hz)			
	DP 1.4 x2(Max. 4096x2304@60Hz)			
	Support Four Displays(4K HDR Displays or One 8K SDR Displays(DP)			
Ethernet	Intel® i219-LM 1.0GbE x1			
	Intel® i226 2.5GbE x1			Intel® i226 2.5GbE x3
Audio	HD Audio Realtek ALC888S-VD2			
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 x2	RS232/485/422 x2 RS232 x4	RS232/485/422 x2 RS232 x2 RS485/422 x4	RS232/485/422 x2 RS232 x2
Rear I/O	USB 3.2(Gen2)x4/RJ45 x2/HDMI x2/DP x2/Mic-in & Line -out Combo x1/GPIO x1			
OS support	Windows 11 & IoT, Windows 10 & IoT, Linux			

Mechanical & Environment

Power Requirement	DC +12~24V Power adapter only (2.5ø)
Power adapter	+12V7.5A(90W)
Operating Temperature	-20~+60°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-TGL-35G7	Intel Tiger Lake i5-1135G7 Fanless Box PC w/ COM x4, LAN x2
EBOX-TGL-35G7-C6	Intel Tiger Lake i5-1135G7 Fanless Box PC w/ COM x6, LAN x2
EBOX-TGL-35G7-MUX8	Intel Tiger Lake i5-1135G7 Fanless Box PC w/ COM x8, LAN x2
EBOX-TGL-35G7-L4	Intel Tiger Lake i5-1135G7 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)