

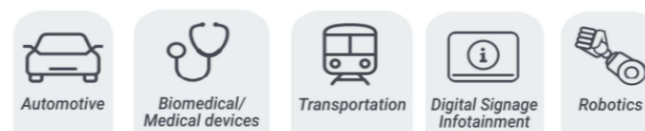
High Performance 3.5" Boxed PC based on Intel® Tiger Lake™ series.



HIGHLIGHTS









- **CPU** Intel TIGER LAKE processor series
- **CONNECTIVITY** 2x GbE, WiFi/BT, WWAN with SIM, RS232, RS485
- **GRAPHICS** Intel 12^o generation (Gen12) with up to 96 Execution Units MPEG2, WMV9, AVC/H.264, JPEG/MJPEG
- **MEMORY** SODIMM module up to 32GB DDR4








APPLICATIONS



FEATURES



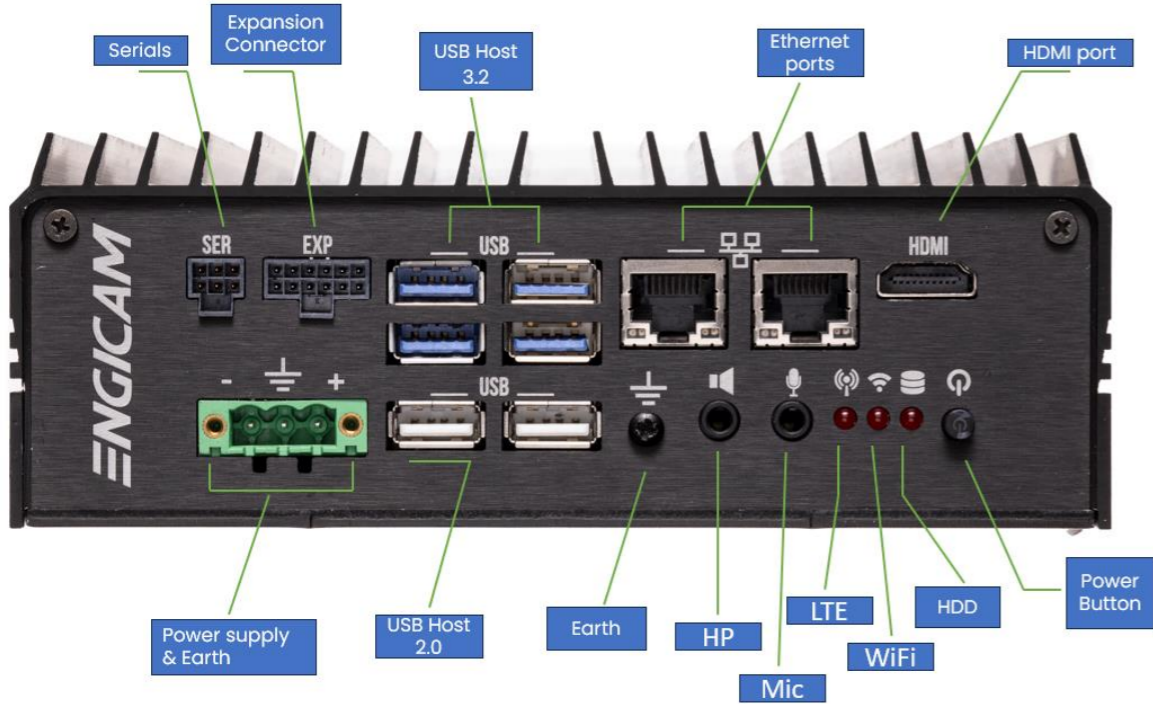
 CPU	<ul style="list-style-type: none"> • Intel Core i7-1185G7E Processor Quad Core up to 2.8 GHz, up to 28W • Intel Core i5-1145G7E Processor Quad Core up to 2.6 GHz, up to 28W • Intel Core i3-1115G4E Processor Dual Core up to 3.0 GHz, up to 28W • Intel Celeron® Processor 6305E Dual Core up to 1.8 GHz, up to 15W • Intel Core i7-1185GRE Processor Quad Core up to 2.8 GHz, up to 28W • Intel Core i5-1145GRE Processor Quad Core up to 2.6 GHz, up to 28W • Intel Core i3-1115GRE Processor Dual Core up to 3.0 GHz, up to 28W
 CORES	Up to 4
 MEMORY	1 x SODIMM up to 32GB DDR4
 GRAPHICS	<ul style="list-style-type: none"> • Integrated Iris Xe Graphics Core Gen12 architecture, with up to 96 Execution Units • MPEG2, WMV9, AVC/H.264, JPEG/MJPEG
 VIDEO INTERFACES	HDMI up to 4K @ 60Hz
 VIDEO PROCESSING	<ul style="list-style-type: none"> • HEVC/H.265, VP9, AV1 HW decoding, up to 8k @60. • AVC/H.264, HEVC/H.265, JPEG, VP9 HW encoding
 AUDIO	Build in HD with CS4207-CNZ Logic (MIC, HP & Line)
 NETWORKING	<ul style="list-style-type: none"> • 2 x Gb Ethernet interface • WLAN/BT M.2 key E • WWAN M.2 Key B with SIM slot

 USB	<ul style="list-style-type: none"> • 4 x USB Host 3.2 • 1 x internal USB Host 2.0
 MASS STORAGE	<ul style="list-style-type: none"> • 2x SATA slot • 2x SSD M.2 Key M slot • SSD M.2 Key B slot
 PERIPHERAL INTERFACES	<ul style="list-style-type: none"> • 3 x RS232(1 x Debug/Console) • 1 x Port RS232 or RS485 programmable via Bios • 12 x GPIOs
 MINI SLOT	<ul style="list-style-type: none"> • 1 x M.2 Key E • 1 x M.2 Key M • 1 x M.2 Key B
 OPERATING SYSTEM	<ul style="list-style-type: none"> • Linux • Windows
 OPERATING TEMPERATURE*	Industrial (-40°C to 110°C Tj*)
 DIMENSIONS	146 x 102 mm

* Valid for all components except CPU. Customer shall consider junction temperature for CPU. Temperature will widely depend on application. Specific cooling solutions could be necessary for the final system.

T.Box TGL

T.BOX DESCRIPTION



- HDD**
- > 2 x SATA
 - > SSD M.2 KEY M

- Network i/f**
- > WWAN M.2 KEY B
 - > WLAN/BT M.2 KEY E

CABLE MAP

