

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



FEATURES



 Windows 10

 CPU	- Intel Atom® X6211E Dual Core 1.30 GHz, 6W - Intel Atom® X6413E Quad Core 1.50 GHz, 9W - Intel Atom® X6425E Quad Core 2.00 GHz, 12W - Intel Atom® X6425RE Quad Core 1.90 GHz, 12W
 CORES	Up to 4
 MEMORY	1 x SODIMM up to 16 GB DDR4
 GRAPHICS	- Intel UHD Graphics - MPEG2, WMV9, H.264, JPEG/MJPEG
 VIDEO INTERFACES	HDMI up to 4K @ 60Hz
 VIDEO PROCESSING	- HEVC/H.265, VP9, H.264, WMV9/VC1 HW decoding, up to 4k @60. - H.264, HEVC/H.265, JPEG/MJPEG, VP9 HW encoding
 AUDIO	Build in HD with CS4207-CN2 Logic (MIC, HP & Line)
 NETWORKING	2 x Gb Ethernet interface - WLAN/BT M.2 key E - WWAN M.2 Key B with SIM slot
 POWER SUPPLY	+12V to +24V DC

HIGHLIGHTS

- **CPU** Intel ELKHART LAKE processor series
- **CONNECTIVITY** 2x GbE, WiFi/BT, WWAN with SIM, RS232, RS485/422, CAN
- **GRAPHICS** Intel 11th generation (Gen11) with up to 32 Execution Units MPEG2, WMV9, H.264, JPEG/MJPEG
- **MEMORY** SODIMM module up to 16 GB DDR4

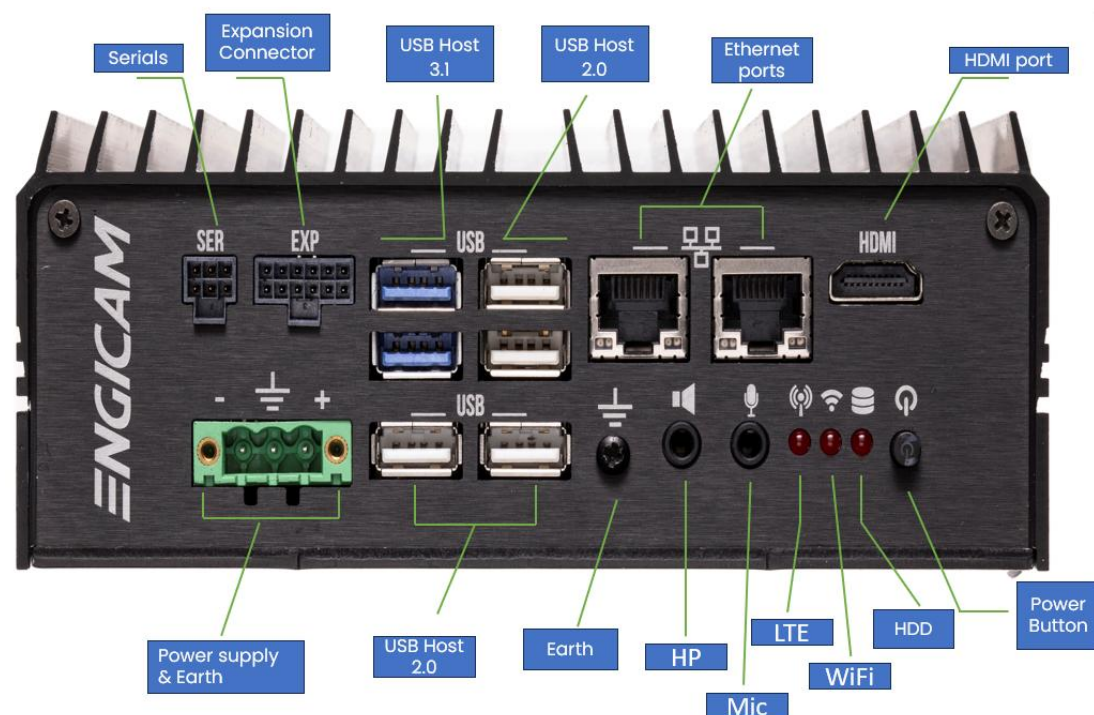
APPLICATIONS



 USB	2 x USB Host 3.1 2 x USB Host 2.0 1 x internal USB Host 2.0
 MASS STORAGE	2x SATA slot 2x SSD M.2 Key M slot - SSD M.2 Key B slot
 PERIPHERAL INTERFACES	3 x RS232(1 x Debug/Console) 1 x Port RS232/RS422/RS485 programmable via Bios 12 x GPIOs 2 x CAN
 MINI SLOT	1 x M.2 Key E 1 x M.2 Key M 1 x M.2 Key B
 OPERATING SYSTEM	- Linux - Windows
 OPERATING TEMPERATURE*	Industrial (-40°C up to 110°C Tj*)
 DIMENSIONS	166 x 114 x 60 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 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

