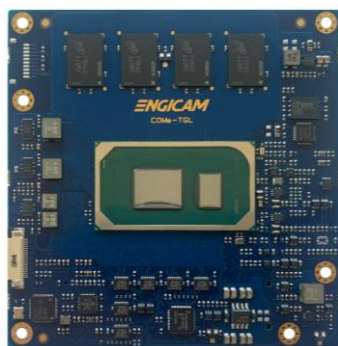


COMe 6C-TGL

A new Engicam COMe module, based on Intel® TIGER LAKE processors with the new Intel® Iris® Xe graphics. The platform offers up to 2.95 times higher graphics performance and the module combines a high-performance CPU, single-thread performance up to 23% and multi-thread up to 19% faster compared to the previous generation processors.

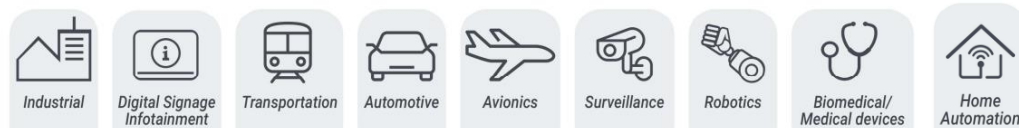


HIGHLIGHTS

















- Standard COM Express Compact type 6
- Powerful Graphics platform
- Ethernet Interface up to 2.5 Gb
- PCI Express 4.0
- HDMI 2.0 Up to 4Kx2K 48-60Hz
- DP Up to 5120x3200 @60Hz



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 		 NETWORKING Ethernet interface up to 2.5 Gb
 CORES Up to 4		 MASS STORAGE <ul style="list-style-type: none"> • 2x SATA
 MEMORY From 2GB to 32 GB LPDDR4 – 4266MT/s		 USB <ul style="list-style-type: none"> • 4 x USB HOST 3.1 • 8 x USB HOST 2.0
 GRAPHICS Integrated Iris Xe Graphics Core Gen12 architecture, with up to 96 Execution Units MPEG2, WMV9, AVC/H.264, JPEG/MJPEG		 PCIe <ul style="list-style-type: none"> 4 x PCIe 4.0 8 x PCIe 3.0
 VIDEO INTERFACES <ul style="list-style-type: none"> • 3x HDMI/DP • eDP/LVDS 		 PERIPHERAL INTERFACES <ul style="list-style-type: none"> UART, SM Bus, I2C, LPC/eSPI, SPI, GPIOs
 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 HDA Interface
		 OPERATING SYSTEM <ul style="list-style-type: none"> • Ubuntu • Windows 10
		 POWER SUPPLY 12V (optional 5VSBY)
		 DIMENSIONS 95 x 95 mm
		 OPERATING TEMPERATURE* Industrial (-40°C to 110°C Tj)

* 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.