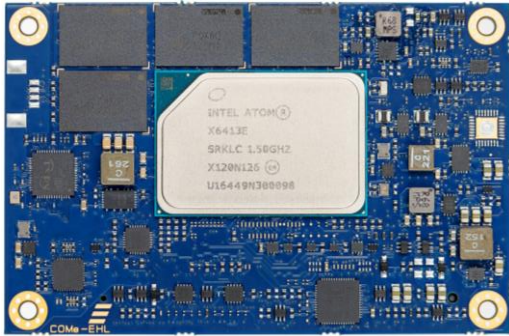


COMe 10M- EHL

The new Engicam COMe module, based on Intel® processors ELKHART LAKE series ATOM x6000E, Pentium and Celeron. CPU and graphics performance with integrated IoT features, real-time performance, manageability, security, and functional safety.

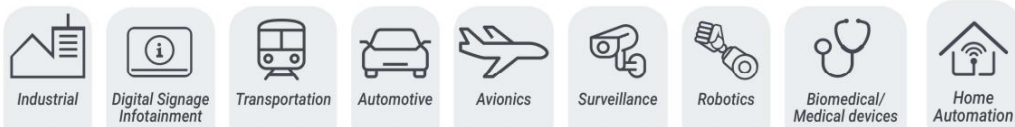


HIGHLIGHTS

















- Standard COM Express Mini type 10
- Suitable for IoT and real time performance
- Ethernet interface up to 2.5 Gb
- DP/HDMI up to 4096x2160@60Hz



APPLICATIONS



FEATURES

 CPU	<ul style="list-style-type: none"> • Intel Atom X6211E Dual Core @ 1.2 GHz (burst 3.0 GHz) 1.5MB L2 cache, 6W • Intel Atom X6413E Quad Core @ 1.5 GHz (burst 3.0 GHz) 1.5MB L2 cache, 9W • Intel Atom X6425E Quad Core @ 1.8 GHz (burst 3.0 GHz) 1.5MB L2 cache, 12W) • Intel Atom X6212RE Dual Core @ 1.2 GHz, 1.5MB L2 cache, 6W • Intel Atom X6414RE Quad Core @ 1.5 GHz, 1.5MB L2 cache, 9W • Intel Atom X6425RE Quad Core @ 1.9 GHz, 1.5MB L2 cache, 12W • Intel Atom X6427FE Quad Core @ 1.9 GHz, 1.5MB L2 cache, 12W • Intel Atom X6200FE Dual Core @ 1.0 GHz, 1.5MB L2 cache, 4.5W 	 NETWORKING Ethernet interface up to 2.5 Gb
 CORES	Up to 4	 MASS STORAGE <ul style="list-style-type: none"> • 2x SATA • Starting from 4GB eMMC drive soldered on-board
 MEMORY	Up to 16GB LPDDR4	 USB <ul style="list-style-type: none"> • 2 x USB HOST 3.1 • 8 x USB HOST 2.0
 GRAPHICS	<ul style="list-style-type: none"> • Intel® 11th generation (Gen 11) LP graphics controller. • DirectX 12.1 compliant, OpenGL ES 3.1/3.0/2.0/1.1, OpenGL 4.5 supported, OpenCL™ 1.2, Vulkan 1.0 APIs, Dedicated FIVR for Graphics, Intel® Virtualization Technology for Directed I/O (VT-d) 	 PCIe 6 x PCIe 3.0
 VIDEO INTERFACES	<ul style="list-style-type: none"> • HDMI/DP • eDP/LVDS 	 PERIPHERAL INTERFACES SDIO, SM Bus, I2C, LPC/eSPI, SPI, UART/CAN(optional), GPIOs
 VIDEO PROCESSING	<ul style="list-style-type: none"> • HEVC/H.265, H.264, VP9, VP8, WMV9/VC1, MPEG-2, VC-1. JPEG/MJPEG dec • HEVC/H.265, H.264, VP9, JPEG/MJPEG enc 	 AUDIO HDA Interface
		 OPERATING SYSTEM <ul style="list-style-type: none"> • Ubuntu • Windows 10
		 POWER SUPPLY +5 to 20 V DC
		 DIMENSIONS 55 x 84 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.