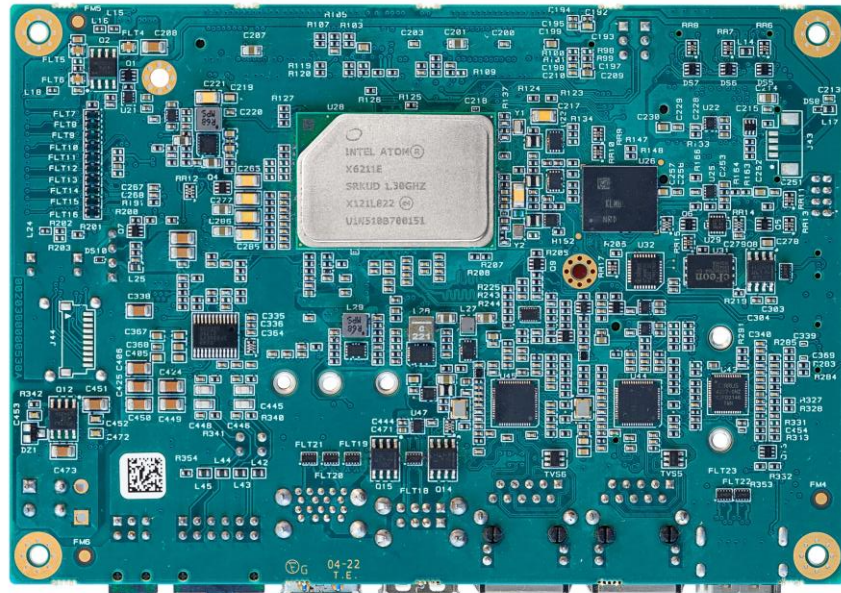


High Performance 3.5" Single Board Computer based on Intel® Atom® x6000E series.



HIGHLIGHTS
















- CPU Intel ELKHART LAKE™ processor series
- CONNECTIVITY 2x GbE, WiFi/BT, WWAN with SIM, RS232, RS485/422, CAN
- GRAPHICS Intel 11th generation (Gen11) LP graphics controller, DirectX 12.1 compliant, OpenGL supported
- MEMORY SODIMM module up to 16GB DDR4

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 <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
 CORES	Up to 4	 USB <ul style="list-style-type: none"> • 2 x USB HOST 3.0 • 2 x USB HOST 2.0 • 1 x internal USB HOST 2.0
 MEMORY	1 x SODIMM up to 16GB DDR4	 MASS STORAGE <ul style="list-style-type: none"> • 2x SATA slot • eMMC drive soldered on-board (optional) • 2x SSD M.2 Key M slot
 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) 	 PERIPHERAL INTERFACES <ul style="list-style-type: none"> • 2 x I2C(1xSM BUS) – 1 x JTAG (optional) – 2 x CAN • 3 x RS232(1 x Debug/Console, 1x CAN optional) • 1 x Port RS232, RS485 or RS422 programmable via Bios • 12 x GPIOs(I/O, QEP, PWM, TPGPIO) • 1 x Connector for USB Touch screen controller
 VIDEO INTERFACES	<ul style="list-style-type: none"> • HDMI up to 4K @ 60Hz • Optional eDP up to 4K @ 60Hz • LVDS Dual Channel up to Full HD @ 60Hz via ePD bridge 	 MINI SLOT <ul style="list-style-type: none"> • 1 x M.2 Key E(PCI-E Gen3x1, USB2.0, UART) • 1 x M.2 Key B(PCI-E Gen3x2, USB2.0, I2S, SIM) • 1 x M.2 Key B (PCI-E Gen3x2)
 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 	 OPERATING SYSTEM <ul style="list-style-type: none"> • Linux • Windows
 AUDIO	Build in HD with CS4207-CNZ Logic (MIC, HP & Line)	 OPERATING TEMPERATURE Industrial (-40°C to 85°C)
		 DIMENSIONS 147 x 102 mm (3.5" form factor)

CABLE MAP

