

New Engicam COMe Carrier Board fully compliant with standard COM Express type 6 compact and type 10 modules with several peripherals for networking, multimedia interfaces, and industrial use.



SUPPORTED SOMs

- COM Express Tiger Lake™ Type 6C
- COM Express Alder Lake™ Type 6C
- COM Express Elkhart Lake™ Type 10M, via Adapter

APPLICATIONS



FEATURES



	CPU	<ul style="list-style-type: none"> • Tiger Lake series • Alder Lake Series • Elkhart Lake Series
	VIDEO INTERFACES	<ul style="list-style-type: none"> • HDMI • Display Port (Type 6C Only) • LVDS (Carrier bottom side)
	MASS STORAGE	<ul style="list-style-type: none"> • 2x SATA slot • SSD M.2 Key M slot • SSD M.2 Key B slot
	NETWORKING	<ul style="list-style-type: none"> • 2 x Ethernet interfaces (1x up to 2.5Gb) • WLAN/BT M.2 key E • WWAN M.2 Key B with microSIM slot
	POWER SUPPLY	+20 to 30 V

	M.2 SLOT	<ul style="list-style-type: none"> • 1 x M.2 Key E (USB, PCIe x1) • 1 x M.2 Key M (PCIe x4) • 1 x M.2 Key B (USB, PCIe x2, Sim slot)
	USB	<ul style="list-style-type: none"> • 2 x USB HOST 3.0 • 2 x USB HOST 3.0 (Type 6C only) • 2 x USB HOST 2.0
	AUDIO	MIC & HP
	PERIPHERAL INTERFACES	<ul style="list-style-type: none"> • I2C (1xSM BUS) • Up to 1 x Port RS485 (via USB port) • Up to 2x Port RS232 • Up to 2x CAN Bus
	OPERATING TEMPERATURE*	Industrial (-40°C to 85 °C)
	DIMENSIONS	190 x 141.5 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.

CABLE MAP

