

Computing Plattform

KBox A-250 / FabEagle®Connect

Technical Information

Processor	CPU	Intel Atom® x5-E3930 2 x 1.3 GHz (Max. Turbo 1.8 GHz), 6,5 W x5-E3940 4 x 1.6 GHz (Max. Turbo 1.8 GHz), 9,5 W x7-E3950 4 x 1.6 GHz (Max. Turbo 2.0 GHz), 12 W AMI® Aptio 5.x
Memory	BIOS Technology Capacity Socket	DDR3L-1866 MHz 2/4/8 GByte 1x SODIMM
Graphics	GRAPHICS CORE MAX. RESOLUTION	Internal Intel® HD 505 4096x2160 @60 Hz
Front I/O	Graphics Port USB Ethernet Controller Serial Ports GPIO Options	1x DisplayPort V1.2 2x USB 3.0 1x GbE ETH, 1 Fast ETH, WOL support Intel® i219LM & LAN9500AI 1x Serial (COM1, RS232) 9-pin GPIO Connector WLAN or LTE
Internal Expansion Slots	M.2 mPCIe	1x M.2 Key M for 2242, 2260 and 2280 1x mPCIe for mSATA
Software Support	Operating System	Windows® 10 IoT Enterprise LTSC 2019 pre-installed FabEagle®Connect pre-installed
Power	Input Voltage Range	24 VDC (+/- 20 %)
Security	Features	TPM V2.0
Power Supply (External)	Input Voltage	24 VDC (+20 %/-15 %)
Mechanical	Cooling Dimension (WxHxD) Weight	Fanless (Conduction cooled) 150 x 58 x 100 mm Approx. 1 kg (2.2 lbs)
Environment	Operating Temperature Ext. Operating Temp. Storage Temperature Relative Humidity Operating Vibration Operating Shock Altitude MTBF Typical Power Consumption	0 °C to 45 °C (max. power consumption 24,5 W) -10 °C to 70 °C (max. power consumption 15,5 W) -40 °C to +85 °C (-40 °F to 185 °F) 93 % @ 40 °C, non-condensing acc. IEC 60068-2-6, 5 -500 Hz, 1G acc. IEC 60068-2-27, half sine, 15 g, 11 ms 2000 m (approx. 6550 ft) 200.000 h @30 °C 17 W
Approvals	EMC Safety Certifications	CE, FCC CB scheme, UL61010-1, UL61010-2-201