

KBox A-151-TGL



Industrial Computer Platform for Control & Process Optimization

- ▶ Based on 11th Generation Intel® Core™ U-Series
- ▶ Broad range of interfaces with WIFI and LTE option
- ▶ Flexible system expansion via I/O door
- ▶ Passive cooling concept, option for extended temperature range

POSSIBILITIES START HERE



► TECHNICAL INFORMATION

PROCESSOR	CPU	11th Gen. Intel® Core™ i3-1115G4E/i5-1145G7E/i5-1145GRE/i7-1185G7E/i7-1185GRE or Celeron® 6305E
	SPEED	Quad-Core up to 1.8 GHz/4.4 GHz (Burst)
	BIOS	AMI® Aptio V5
MEMORY	TECHNOLOGY	DDR4
	MAX. CAPACITY	Up to 64 GByte
INTERFACES	GRAPHICS PORTS	2x DisplayPort
	USB	4x USB 3.2
	ETHERNET	1x 2.5 GbE and 1x GbE
	SERIAL PORTS	2x COM ports RS232/422/485
	BUTTONS/LED	Power Button & LED, Standby LED
OPTIONAL INTERFACES	WIRELESS TECHNOLOGY	Option for WIFI 6 or LTE/5G
	EXPANSION VIA I/O DOOR	Option for Ethercat, Dual CAN, additional GbE/DisplayPort/COM ports, GPIO or Audio
STORAGE	M.2 SSD	Up to 1 TByte NVME via M.2 Key M
EXPANSION SLOTS	M.2	1x M.2 Key M 2280 socket, used for storage 1x M.2 Key E 2230 socket 1x M.2 Key B 2242/3042/2280 socket, with SIM card socket
SOFTWARE SUPPORT	MICROSOFT WINDOWS	Windows® 10 IOT LTSC 2021
	LINUX	Ubuntu 22.04 LTS
POWER	INPUT VOLTAGE RANGE	24 VDC (9...30 VDC)
MECHANICAL	CONSTRUCTION	Steel
	MOUNTING	DIN RAIL, Wallmount
	DIMENSIONS (W x H x D)	180 x 70 x 123 mm (7.09" x 2.76" x 4.84")
	WEIGHT	approx 2.0 kg (4.41 lbs)
ENVIRONMENT	COOLING	Fanless
	OPERATING TEMPERATURE	0 °C to +50 °C (32 °F to 122 °F) standard -40 °C to +60 °C (-40 °F to 140°F) extended
	RELATIVE HUMIDITY	93 % RH at 40 °C, non-condensing
APPROVALS	CERTIFICATIONS	CE, UL 61010, CB, FCC

► GLOBAL HEADQUARTERS

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