INDUSTRIAL BOX PC

BPC-I713-16S-1T

TEG

Powering Smart Industries

Rugged Construction

- Enclosed in a metallic chassis (usually aluminum or steel) for durability.
- Resistant to shock, vibration, dust, and electromagnetic interference.

Fanless Design

- Utilizes passive cooling with heat sinks.
- Eliminates moving parts → lower maintenance, silent operation, longer lifespan.

Wide Temperature Support

- Industrial-grade Box PCs can operate from -20°C to +70°C, or even wider ranges depending on the model.
- Ensures stable performance in extreme climates (factory floors, outdoor kiosks, vehicles

Flexible I/O Interfaces

- Multiple COM ports (RS232/422/485) for legacy and modern machines.
- Gigabit LAN ports for fast and reliable networking.
- USB,VGA, HDMI
- Compact & Space-Saving

Compact & Space-Saving

- Small footprint allows easy integration into control panels, cabinets, or kiosks.
- DIN-rail or wall-mounting options for industrial environments.

High Reliability Features

- Watchdog timer to automatically restart in case of system hang.
- One-key restore for quick system recovery.
- Diskless boot support for secure and efficient operations.

Energy Efficient

- Optimized for low power consumption, ensuring long-term cost savings.
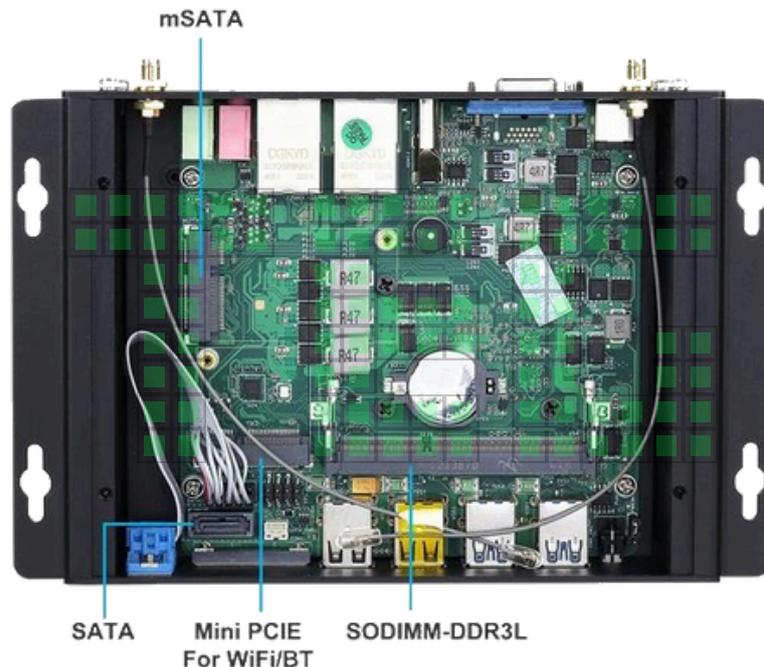- Ideal for 24/7 continuous operation.

Specifications

General	CPU	Onboard Intel® Core™ i3-1215U / i5-1345U
	TDP	15W
	Motherboard	12 × 12 cm
	Chipset	Intel Alder Lake (i3) / Intel Raptor Lake (i5)
	Memory	1× / 2× SO-DIMM DDR5 slots, supports 8GB / 16GB / 32GB / 64GB
	OS	Windows 10/11, WES 10, Linux
	PXE	Supported
	Audio	Intel High Definition Audio, USB Audio, HID
Network & Video	LAN	2× Realtek RTL8111 Gigabit Ethernet NIC (10/100/1000 Mbps)
	GPU	Intel UHD Graphics (i3) / Intel Iris Xe Graphics (i5)
	Wi-Fi / BT Module	1× Mini PCIe full/half slot for Wi-Fi & Bluetooth
	3G/4G Module	1× Mini PCIe half/full slot for 3G/4G
	Antenna	2× Internal RF cables + 2× External antennas
I/o	Switch	1× Power On/Off switch
	Power Input	1× DC IN (12V–19V)
	USB	4× USB 2.0, 4× USB 3.0
	Display	1× HDMI 1.4, 1× VGA
	LAN	2× RJ45 Gigabit LAN
	COM	2× DB9 RS232 COM
	Audio	1× MIC, 1× SPK

Storage	NVMe	1× M.2 NVMe/NGFF 2280 SSD slot
	SATA	1× SATA 3.0 slot (HDD/SSD, 6Gb/s)
Power & Environment	Input	100–240V AC, 50–60Hz
	Output	DC +12V ~ +19V (recommended 12V/5A or 19V/3.42A depending on model)
	Operating Temp	-20°C ~ +60°C
	Storage Temp	-30°C ~ +70°C
	Humidity	10%–90% @30°C (non-condensing)
Mechanical	Size	193.9 × 127 × 57.2 mm
	Weight	Net: 1kg / Gross: 1.5kg
	Shell	Black aluminum alloy
	Mounting	4× mounting holes (baseplate)
	Cooling	Fanless
Functions	—	Auto Power On (AWAL), Wake-on-LAN, RTC, Watchdog
Package Content	Standard	Mini PC, Power Adapter, Power Cord, Screws Bag
	Optional	Wi-Fi Antennas, User Manual, Long Screws Bag

TEG, the trusted Box PC brand from GET Automation and Services Pvt. Ltd. (established in 2012), offers compact, reliable, and high-performance industrial computing solutions. Powered by Intel® Core™ i3-1215U with a low 15W TDP on a 12 × 12 cm Alder Lake motherboard, it supports up to 64GB DDR5 memory, multiple OS options (Windows 10/11, WES 10, Linux), and ensures robust connectivity with dual Gigabit Ethernet, Mini PCIe expansion for Wi-Fi, Bluetooth, and 3G/4G, plus PXE support. With Intel UHD Graphics, high-definition audio, and long-term service support, TEG Box PCs are engineered for demanding industrial and embedded applications.

mSATA
SATA
Mini PCIE For WiFi/BT
SODIMM-DDR3L

3 YEARS WARRANTY

FAST DELIVERY

BEST QUALITY

BEST PRICE

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