

BRIX IoT Core Series EKi3M-7100



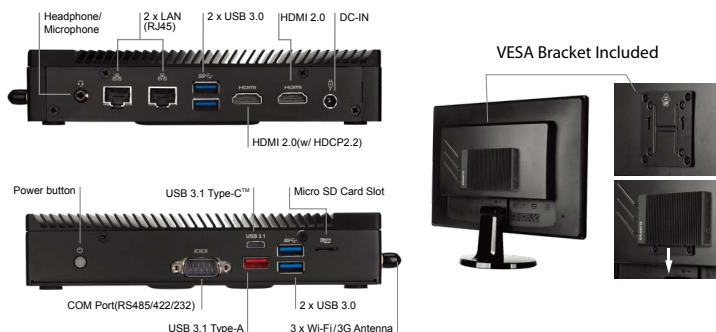
Perfect fit for any space, 24/7 operation in consumer/commercial usage with low power consumption.

Product Feature

Fanless

- Ultra compact PC design (180 x 117 x 36 mm)
- Fanless design
- 2 x SO-DIMM DDR4 slots support 2133MHz, Max 32GB
- 1 x M.2 SSD (2280) slot
- Dual Band Wi-Fi & Bluetooth 4.2
- Dual Intel Gigabit LAN
- USB 3.0, USB3.1 (1 x USB Type-C™)
- VESA Mounting Bracket (75 x 75 mm + 100 x 100 mm)
- 2 x HDMI, 4K@60P support
- SD Card Reader, COM port available
- Optional TPM available

Connecting the Future



Order Information

GB-EKi3M-7100

SPEC

Dimension	36 x 117 x 180 mm
	1.42" x 4.61" x 7.09"
Motherboard Size	158 x 114 mm
CPU	Intel® Core™ i3-7100U Processor
	up to 2.40GHz, Dual core (TDP 15W)
Memory	2 x SO-DIMM DDR4 slots (DDR4 1.2V)
	2133 MHz Max. 32GB
LAN	Dual Gigabit LAN(Intel i219LM and Intel i210AT)
Wifi Card	Intel® Dual Band Wireless-AC 3165
Graphic	Intel® HD Graphics 620
Audio	Realtek ALC255
HDMI Resolution MAX	4096 x 2160 @ 60Hz (HDMI 2.0 and HDCP 2.2)
Expansion Slots	1 x M.2 slot (2280_storage) PCIe / SATA,
	1 x M.2 NGFF 2230 A-E key slot occupied by
	WiFi+BT card, 1 x Half-size mini-PCIe slot for 3G module, 1 x Micro SIM card connector
Front I/O	1 x Power Button
	1 x COM
	(support RS232/422/485 via BIOS setting)
	1 x USB 3.1 type C
	1 x USB 3.1 type A
	2 x USB 3.0
Rear I/O	1 x Micro SD card slot
	(support SD 3.0 compliance devices)
	1 x Headphone / Microphone jack
	2 x HDMI 2.0 (one with HDCP 2.2)
	2 x RJ45
	2 x USB 3.0
Side I/O	1 x DC-In
	1 x Kensington lock slot
	3 x Antenna SMA connector (2 for WiFi, 1 for 3G)
Power Supply	DC 19/12 volt power adapter (Shipment 19V/90W)
VESA	Bracket included 75 x 75 mm and 100 x 100 mm
Support OS	WIN10 64bit
Environment	System Environment Operating Temperature: 0°C to +40°C
	System Storage Temperature: -20°C to +60°C