GIGABYTE™

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

intel CORE i7 inside™ | intel CORE i5 inside™ | intel CORE i3 inside™

Intel® 8th Gen BRIX Mini PC Series

BRi7-8550/BRi5-8550/BRi3-8130

SLIM Version

HDD Version

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

Product Feature

mDP HDMI

- Features Intel® 8th Gen Core™ Processor
- Ultra compact PC design at only 0.46L (SLIM Version) / 0.63L (HDD Version)
- 1 x M.2 SSD (2280) slot
- 2 x SO-DIMM DDR4 slots
- Intel® IEEE 802.11ac, Dual Band Wi-Fi & Bluetooth 4.2
- HDMI and Mini DisplayPort Outputs
- 2 x USB 3.1 (1 x USB Type-C™) + 2 x USB 3.0
- Intel Gigabit LAN
- Dual Array Microphone
- Headphone Jack
- VESA Mounting Bracket (75 x 75mm + 100 x 100mm)

Intel® Turbo Boost Technology

Processor Number	Cores/ Threads	Base Freq (GHz)	Max Single Core Turbo (GHz)	Max Dual Core Turbo (GHz)	Max Quad Core Turbo (GHz)
i7-8550U	4/8	1.8	4.0	4.0	3.7
i5-8250U	4/8	1.6	3.4	3.4	3.4

Connecting the Future - USB Type-C™

SS⟶10

USB3 3.1 (USB Type-C™)

The USB Type-C™ is a new reversible connector that is loaded with useful features such as USB 3.1 support for 10 Gb/s transfer speed.

VESA Bracket Included

4K DISPLAY Support

intel OPTANE MEMORY READY

Order Information

GB-BRi7-8550	GB-BRi7H-8550
GB-BRi5-8250	GB-BRi5H-8250
GB-BRi3-8130	GB-BRi3H-8130

SPEC

Dimension	SLIM : 34.4 mm x 112.6 mm x 119.4 mm
	1.35" x 4.43" x 4.7" / 0.46L
	HDD : 46.8 mm x 112.6 mm x 119.4 mm
	1.84" x 4.43" x 4.7" / 0.63L
Motherboard Size	105 x 110 mm
CPU	Intel® Core™ Quad Core i7-8550U /
	i5-8250U / Dual Core i3-8130U
Memory	2 x SO-DIMM DDR4 slots
	2400MHz
	Max. 32GB
LAN	Gigabit LAN (Intel i219V)
Wifi Card	Intel® Dual Band Wireless-AC 3168
Graphic	Intel® UHD Graphics 620
Audio	Realtek ALC255
HDMI Resolution MAX	HDMI2.0a ws HDCP 2.2
	4096 x 2304 @ 60Hz
mDP Resolution MAX	DP1.2a ws HDCP 2.2
	4096 x 2304 @ 60Hz
Expansion Slots	1 x M.2 slot (2280_storage) PCIe X4 /SATA
	1 x PCIe M.2 NGFF 2230 A-E key slot
	occupied by the WiFi+BT card
Front I/O	1 x USB 3.1 type C
	1 x USB3.1
	1 x head phone jack with MIC
	1 x Dual array Microphone
Rear I/O	1 x HDMI(2.0a)
	1 x Mini DisplayPort (1.2)
	2 x USB 3.0
	1 x RJ45
	1 x DC-In
	1 x Kensington lock slot
USB 3.1	AsMedia 3142
Power Supply	Input: AC 100-240V
	Output: DC 19V 3.42A
VESA	Bracket included
	Supports 75 x 75 and 100 x 100 mm
Support OS	WIN10 64bit
Environment	System Environment Operating Temperature: 0℃ to +35℃
	System Storage Temperature: -20℃ to +60℃