GIGABYTE[™]



Intel® Gemini Lake SoC BRIX Mini PC Series

BLCE-4105C / BLCE-4000C (FANLESS)







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

Product Feature

Fanless

- Features Intel® Gemini Lake Celeron® Processor
- Fanless Design Provides Complete Silence
- Ultra compact PC design at only 0.67L (56.22 x 103 x 116.52mm)
- 1 x SO-DIMM DDR4 slot
- Intel® IEEE 802.11ac, Dual Band Wi-Fi & Bluetooth 4.2
- HDMI and D-Sub Outputs
- 4 x USB 3.0 (1* USB Type-C™)
- Gigabit LAN
- Headphone and Microphone Jack
- VESA Mounting Bracket (75 x 75mm + 100 x 100mm)

Intel® Pentium® Silver and Celeron® Processor

GIGABYTE BRIX supports Intel third-generation low-power quad-core SoC processors which feature power-efficient 10W Intel Celeron models. From a simple internet access point to a high end multimedia station, the GIGABYTE BRIX provides a broad range of usage scenarios and the ultimate space flexibility. GIGABYTE BRIX is expected to deliver up to 23% improvement in productivity over previous generation.

Connecting the Future - 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.











Reversible USB Type-C™ with USB 3.0

| Version | Bits/sec | HD Movie 25GB |
|---------|---------------|---------------|
| USB 1.1 | 1.5 ~ 12 Mbps | ~ 9.25 Mbps |
| USB 2.0 | 480 Mbps | ~ 14 mins |
| USB 3.0 | 5 Gbps | ~ 70 sec |









Order Information

GB-BLCE-4105C

GB-BLCE-4000C

SPEC

| Dimension Motherboard Size | 56.22 mm x 103 mm x 116.52 mm | |
|-----------------------------|--------------------------------------------------------|--|
| | 2 24 4 06 4 50 7 0 67 | |
| Motherboard Size | 2.21" x 4.06" x 4.59" / 0.67L | |
| | 104 x 103 mm | |
| | Intel® Celeron® Quad Core Processor J4105 | |
| CPU | 2.5GHz, 4 core (TDP 10W) | |
| | Intel® Celeron® Processor N4000 | |
| | 2.6GHz, 2 core (TDP 6W) | |
| Memory | 1 x SO-DIMM DDR4 slot | |
| | 2400MHz | |
| | Max. 8GB | |
| LAN | Gigabit LAN (Realtek RTL8111HS) | |
| Wifi Card | Intel® Dual Band Wireless-AC 3168 | |
| Graphic | Intel® UHD Graphics 600 | |
| Audio | Realtek ALC891 | |
| HDMI Resolution MAX | HDMI1.4b 1920 x 1080 @ 60 Hz | |
| Expansion Slots | 1 x PCle M.2 NGFF 2230 A-E key slot occupied | |
| | by the WiFi+BT card | |
| | 1 x USB3.0 | |
| Front I/O | 1 x USB3.0 type-C | |
| | 1 x Headphone Jack | |
| | 1 x Microphone Jack | |
| | 1 x HDMI(1.4b) | |
| | 2 x USB 3.0 | |
| Rear I/O | 1 x RJ45 | |
| | 1 x VGA | |
| | Input: AC 100-240V | |
| ower Supply | Output: DC 19V | |
| | 2.1A | |
| | Bracket included | |
| VESA | Supports 75 x 75 and 100 x 100 mm | |
| Support OS | WIN10 64bit | |
| _ | System Environment Operating Temperature: 0°C to +35°C | |
| Environment | System Storage Temperature: -20°C to +60°C | |

^{*}The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice. *Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.* All trademarks and logos are the properties of their respective holders.* Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.