

## Intel® Gemini Lake SoC BRIX Mini PC Series

BLPD-5005 / BLCE-4105 (Dual DIMM)



HDD Version



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

### Product Feature

- Features Intel® Gemini Lake SoC Pentium® / Celeron Processor
- Ultra compact PC design at only 0.63L (46.8 x 112.6 x 119.4mm)
- Supports 2.5" HDD/SSD, 7.0/9.5 mm thick (1 x 6 Gbps SATA 3)
- 1 x M.2 SSD (2280)
- 2 x SO-DIMM DDR4 slots
- Intel® IEEE 802.11ac, Dual Band Wi-Fi & Bluetooth 4.2 NGFF M.2 card
- HDMI and Mini DisplayPort Outputs
- 4 x USB 3.0 (1\* USB Type-C™)
- Gigabit LAN

### 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.



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

4K  
@ 120 FPS  
Support



### Order Information

GB-BLPD-5005

GB-BLCE-4105

### SPEC

|                     |   |
|---------------------|---|
| Dimension           | 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® Pentium® Quad Core Processor J5005                           |
|                     | 2.8GHz, 4 core (TDP 10W)  |
|                     | Intel® Celeron® Quad Core Processor J4105                           |
|                     | 2.5GHz, 4 core (TDP 10W)  |
| Memory              | 2 x SO-DIMM DDR4 slots  |
|                     | 2400MHz<br>Max. 8GB   |
| LAN                 | Gigabit LAN (Realtek RTL8111HS)                                     |
| Wifi Card           | Intel® Dual Band Wireless-AC 3168                                   |
| Graphic Audio       | Intel® UHD Graphics 605 / 600                                       |
|                     | Realtek ALC255  |
| HDMI Resolution MAX | HDMI2.0a 4096 x 2160 @ 60 Hz  |
| mDP Resolution MAX  | DP1.2a  |
|                     | 4096 x 2160 @ 60Hz  |
| Expansion Slots     | 1 x M.2 slot (2280_storage) PCIe X2/SATA                            |
|                     | 1 x PCIe M.2 NGFF 2230 A-E key slot<br>occupied by the WiFi+BT card |
| Front I/O           | 1 x USB3.0  |
|                     | 1 x USB3.0 type C   |
|                     | 1 x headphone jack with MIC   |
| Rear I/O            | 1 x HDMI(2.0a)  |
|                     | 1 x mini DisplayPort (1.2a)   |
|                     | 2 x USB 3.0   |
|                     | 1 x RJ45  |
|                     | 1 x DC-In<br>1 x Kensington lock slot                               |
| Power Supply        | Input: AC 100-240V  |
|                     | Output: DC 19V / 2.1A   |
| VESA                | Bracket included  |
|                     | Supports 75 x 75 and 100 x 100 mm                                   |
| Support OS          | WIN10 64bit   |
| Environment         | System Environment Operating Temperature: 0°C to +35°C              |
|                     | System Storage Temperature: -20°C to +60°C                          |