



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) slot
- 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



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 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 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 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