

Gigabyte GB-BMCE-5105 (rev. 1.0) Black N5105 2.8 GHz

Brand : Gigabyte

Product code: GB-BMCE-5105

Product name : GB-BMCE-5105 (rev. 1.0)

- Ultra compact PC design at only 0.67L (56.22x103x116.52mm)
- 1st 10 nm small core CPU
- Support M.2 2280 slot for SSD (support PCI-e x2+SATA)
- Supports 2.5" HDD/SSD, 7.0/9.5 mm thick (1 x 6 Gbps SATA 3)
- 1 x SO-DIMM DDR4 slots support 2933MHz, Max 16GB
- 802.11ac, Dual Band Wi-Fi & Bluetooth 4.2
- Realtek 8111HS Gigabit LAN
- HDMI 2.0b support 4K@60P HDR10
- mDP 1.4b support 4K@60P HBR2
- Realtek ALC255 Codec
- 4 x USB 3.1 (1 x USB Type-C)
- Headphone Jack
- Mic-phone Jack
- VESA Mounting Bracket (75 x 75mm + 100 x 100mm)
- AC-DC adapter : 100-240V input, 19V 65W
- OS Support : Microsoft Windows 10 64Bit
- 1x Kensington Lock slot
- System Environment Operating Temperature: 0°C to +35°C
- System Storage Temperature: -20°C to +60°C

Intel Celeron N5105 2.8GHz, 1x SO-DIMM, LAN, Wi-Fi, Intel UHD Graphics 605, Realtek ALC255, Win10 64bit



Processor		Ports & interfaces	
Built-in processor *	✓	DVI port	✓
Processor manufacturer	Intel	Mini DisplayPorts quantity	1
Processor family	Intel® Celeron®	Microphone in	✓
Processor model	N5105	Headphone outputs	1
Processor frequency	2.8 GHz	Ethernet LAN (RJ-45) ports *	1
Processor cores	4	DC-in jack	✓
Thermal Design Power (TDP)	10 W	Design	
CPU configuration (max)	1	Product colour *	Black
Memory		On/off switch	✓
Memory slots type *	SO-DIMM	Cable lock slot	✓
Number of memory slots *	1	Cable lock slot type	Kensington
Maximum internal memory	16 GB	VESA mounting	✓
Supported memory clock speeds	2933 MHz	Panel mounting interface	75 x 75 mm
Supported memory types	DDR4-SDRAM	Product type *	Mini PC barebone
Storage		Processor special features	
Supported storage drive types *	HDD & SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage drive sizes supported *	2.5"	Intel VT-x with Extended Page Tables (EPT)	✓
Storage drive interface	Serial ATA III	Intel 64	✓
Graphics		Idle States	✓
On-board graphics card *	✓	Enhanced Intel SpeedStep Technology	✓
Graphics card family	Intel	Intel Trusted Execution Technology	✗
On-board graphics card model	Intel® UHD Graphics 605	Intel Virtualization Technology (VT-x)	✓
Audio		Logistics data	
Built-in speaker(s) *	✗	Harmonized System (HS) code	84713000
Network		Power	
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Power supply type *	External AC adapter
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input voltage	100 - 240 V
Ethernet LAN *	✓		
Wi-Fi *	✓		
Bluetooth	✓		

Ports & interfaces		Power	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	AC adapter output voltage	19 V
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1	AC adapter output current	2.1 A
HDMI ports quantity *	1	Operational conditions	
HDMI version	2.0	Operating temperature (T-T)	0 - 35 °C
		Storage temperature (T-T)	-20 - 60 °C
		Weight & dimensions	
		Width	119.4 mm
		Depth	112.6 mm
		Height	46.8 mm



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