

GIGABYTE GB-BNi3-N305 Black

Brand : GIGABYTE

Product code: GB-BNi3-N305

Product name : GB-BNi3-N305

- Simplified Design, Featherweight Feel
- 12th Gen Intel® Core™ i3 Processor N305
- Intel® UHD Graphics 1250
- Super Fast 2.5G LAN + Wi-Fi 6 Module
- 3 x 4K Module - 2 x HDMI 2.1 and 1 x DP 1.4
- 2 x 2280 M.2 Slots for SSD
- 3 x USB 3.2 Gen2 (2 x Type-A + 1 x Type-C) , 3 x USB 2.0 Ports
- Low Noise
- VESA Support

Intel Core i3 N305, USB-C, LAN, 163.5 x 116.8 x 28.5 mm

GIGABYTE GB-BNi3-N305. Product type: Mini PC barebone. Supported memory types: DDR4-SDRAM, Number of memory slots: 1, Maximum internal memory: 32 GB. Supported storage drive types: SSD, Storage drive interface: PCI Express, Serial ATA. Ethernet LAN (RJ-45) ports: 1. Power supply: 90 W



| Processor | | Ports & interfaces | |
|---------------------------------|-------------------------|---|----------------------|
| Processor manufacturer | Intel | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 3 |
| Processor family | Intel® Core™ i3 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Processor cores | 8 | HDMI ports quantity * | 2 |
| Processor threads | 8 | HDMI version | 2.1 |
| Processor boost frequency | 3.8 GHz | DisplayPorts quantity | 1 |
| Built-in processor * | ✓ | DisplayPort version | 1.4 |
| Processor cache | 6 MB | Combo headphone/mic port | ✓ |
| Thermal Design Power (TDP) | 15 W | Ethernet LAN (RJ-45) ports * | 1 |
| CPU configuration (max) | 1 | DC-in jack | ✓ |
| Memory | | Expansion slots | |
| Memory slots type * | SO-DIMM | PCI slots | 3 |
| Number of memory slots * | 1 | Design | |
| Maximum internal memory | 32 GB | Product colour * | Black |
| Supported memory clock speeds | 3200 MHz | On/off switch | ✓ |
| Supported memory types | DDR4-SDRAM | Cable lock slot | ✓ |
| Storage | | Cable lock slot type | Kensington |
| Supported storage drive types * | SSD | VESA mounting | ✓ |
| Storage drive sizes supported * | M.2 | Panel mounting interface | 75 x 75,100 x 100 mm |
| SSD form factor | M.2 | Product type * | Mini PC barebone |
| Storage drive interface | PCI Express, Serial ATA | Software | |
| Graphics | | Windows operating systems supported | Windows 11 |
| On-board graphics card * | ✓ | Power | |
| Graphics card family | Intel | Power supply | 90 W |
| On-board graphics card model | Intel® UHD Graphics | AC input voltage | 100 - 240 V |
| Network | | AC adapter output voltage | 19 V |
| Top Wi-Fi standard | Wi-Fi 6 (802.11ax) | AC adapter output current | 4.74 A |
| Ethernet LAN * | ✓ | Operational conditions | |
| Wi-Fi * | ✓ | Operating temperature (T-T) | 0 - 35 °C |
| LAN controller | Intel I226-V | | |

| Ports & interfaces | | Operational conditions | |
|--------------------------|---|---------------------------|-------------|
| USB 2.0 ports quantity * | 3 | Storage temperature (T-T) | -20 - 60 °C |
| Ports & interfaces | | Weight & dimensions | |
| | | Width | 163.5 mm |
| | | Depth | 116.8 mm |
| | | Height | 28.5 mm |



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