

GIGABYTE GB-BMCE-4500C (rev. 1.0) Black N4500 1.1 GHz

Brand : GIGABYTE

Product code: GB-BMCE-4500C

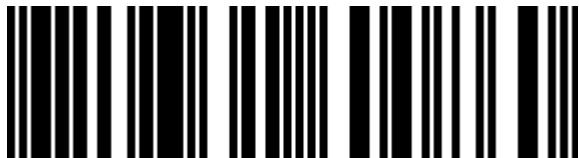
Product name : GB-BMCE-4500C (rev. 1.0)

- Fanless design with Intel® Celeron® Processor N4500 6W CPU
 - 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
 - MiniDP 1.4 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 N4500 (4M Cache, up to 2.80 GHz), 1 x SO-DIMM DDR4 2933 MHz, 1 x 6 Gbps SATA 3, 1 x M.2 slot, Gigabit LAN, WLAN, Bluetooth, 103 x 116.52 x 56.22 mm



Processor		Ports & interfaces	
Processor manufacturer	Intel	DisplayPort version	1.2a
Processor family	Intel® Celeron®	Microphone in	✓
Processor model	N4500	Headphone outputs	1
Processor cores	2	Ethernet LAN (RJ-45) ports *	1
Processor threads	2	DC-in jack	✓
Processor boost frequency	2.8 GHz	Design	
Processor frequency	1.1 GHz	Product colour *	Black
Built-in processor *	✓	Cooling type *	Passive
L3 cache	4 MB	On/off switch	✓
Thermal Design Power (TDP)	6 W	Cable lock slot	✓
CPU configuration (max)	1	Cable lock slot type	Kensington
Memory		VESA mounting	✓
Memory slots type *	SO-DIMM	Panel mounting interface	75 x 75, 100 x 100 mm
Number of memory slots *	1	Product type *	Mini PC barebone
Maximum internal memory	16 GB	Processor special features	
Supported memory clock speeds	2933 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel VT-x with Extended Page Tables (EPT)	✓
Supported storage drive types *	HDD & SSD	Intel 64	✓
Storage drive sizes supported *	2.5, M.2	Idle States	✓
Number of storage drives supported	2	Enhanced Intel SpeedStep Technology	✓
Graphics		Intel Trusted Execution Technology	✗
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Graphics card family	Intel	Logistics data	
On-board graphics card model	Intel® UHD Graphics 605	Harmonized System (HS) code	84713000
Discrete graphics card model	Not available		
Number of displays supported	2		
Network			
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)		

Network		Software	
Ethernet LAN *	✓	Windows operating systems supported	Windows 10 x64
Wi-Fi *	✓		
LAN controller	Realtek RTL8111HS		
Bluetooth	✓		
Bluetooth version	4.2		
Ports & interfaces		Power	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Power supply type *	External AC adapter
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1	AC input voltage	100 - 240 V
HDMI ports quantity *	1	AC adapter output voltage	19 V
HDMI version	2.0b	AC adapter output current	2.1 A
Mini DisplayPorts quantity	1		
		Operational conditions	
		Operating temperature (T-T)	0 - 35 °C
		Storage temperature (T-T)	-20 - 60 °C
		Weight & dimensions	
		Width	103 mm
		Depth	116.2 mm
		Height	56.2 mm
		Packaging content	
		AC adapter included	✓



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