

GIGABYTE GB-BPCE-3455 PC/workstation barebone 0.69L sized PC Black J3455 BGA 1296 1.5 GHz

Brand : GIGABYTE

Product code: GB-BPCE-3455

Product name : GB-BPCE-3455

Intel Celeron Processor J3455, 2.3GHz, 4 core, 2 x SO-DIMM DDR3L, Realtek RTL8111HS, Intel HD Graphics 500, 1 x HDMI, 4 x USB 3.0, 1 x RJ45, 1 x VGA, Windows 10 64-bit
GIGABYTE GB-BPCE-3455. Chassis type: 0.69L sized PC, Product type: Mini PC barebone. Processor socket: BGA 1296. Number of memory slots: 2, Maximum internal memory: 16 GB. Supported storage drive types: HDD, Storage drive interface: Serial ATA III. Ethernet LAN (RJ-45) ports: 1. Wi-Fi standards: Wi-Fi 5 (802.11ac), Bluetooth version: 4.2



Processor		Processor special features	
Processor manufacturer	Intel	Intel Rapid Storage Technology	✗
Processor family	Intel® Celeron®	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor model	J3455	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cores	4	Intel® Quick Sync Video Technology	✓
Processor threads	4	Intel® InTru™ 3D Technology	✗
Processor boost frequency	2.3 GHz	Intel® Insider™	✗
Processor frequency	1.5 GHz	Intel® Wireless Display (Intel® WiDi)	✗
Built-in processor *	✓	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	14 nm	Intel® Turbo Boost Technology	✗
Thermal Design Power (TDP)	10 W	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor codename	Apollo Lake	Intel Virtualization Technology for Directed I/O (VT-d)	✓
CPU configuration (max)	1	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel 64	✓
Memory slots type *	SO-DIMM	Idle States	✓
Number of memory slots *	2	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory	16 GB	Thermal Monitoring Technologies	✓
Supported memory clock speeds	1333,1600,1866 MHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Storage		Intel Trusted Execution Technology	✗
Supported storage drive types *	HDD	Execute Disable Bit	✓
Storage drive sizes supported *	2.5"	Intel Smart Connect Technology	✗
Storage drive interface	Serial ATA III	Intel® Small Business Advantage (Intel® SBA)	✗
Card reader integrated	✓	Intel® Secure Key	✓
Compatible memory cards	MicroSD (TransFlash)	Intel® Smart Response Technology	✗
Graphics			
On-board graphics card *	✓		
Graphics card family	Intel		
On-board graphics card model	Intel® HD Graphics 500		
Maximum resolution	4096 x 2160 pixels		
Network			
Wi-Fi standards	Wi-Fi 5 (802.11ac)		

Network		Processor special features	
Ethernet LAN *	✓	Intel Stable Image Platform Program (SIPP)	✗
Wi-Fi *	✓	Intel® OS Guard	✗
Bluetooth	✓	Intel Clear Video Technology	✓
Bluetooth version	4.2	Intel Virtualization Technology (VT-x)	✓
Ports & interfaces		Software	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64
HDMI ports quantity *	1	Operating system installed	✗
VGA (D-Sub) ports quantity *	1		
Combo headphone/mic port	✓		
Ethernet LAN (RJ-45) ports *	1		
Expansion slots		Power	
PCI Express slots version	2.0	Power supply type *	External AC adapter
PCI Express configurations	1x2+2x1, 4x1	AC input voltage	100 - 240 V
Design		AC adapter output voltage	19 V
Chassis type *	0.69L sized PC	AC adapter output current	2.1 A
Product colour *	Black	Operational conditions	
Cable lock slot	✓	Operating temperature (T-T)	0 - 35 °C
Cable lock slot type	Kensington	Storage temperature (T-T)	-20 - 60 °C
VESA mounting	✓	Weight & dimensions	
Panel mounting interface	75 x 75,100 x 100 mm	Width	114.4 mm
Product type *	Mini PC barebone	Depth	107.6 mm
Performance		Height	56.1 mm
Processor socket	BGA 1296	Other features	
Processor special features		Processor ARK ID	95594
Intel® High Definition Audio (Intel® HD Audio)	✓		
Embedded options available	✓		



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