

ASUS B85-PLUS/USB 3.1 motherboard Intel® B85 LGA 1150 (Socket H3) ATX

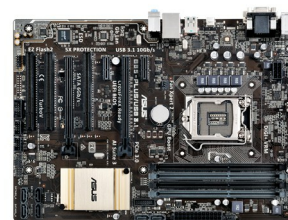
Brand : ASUS

Product code: B85-PLUS/USB 3.1

Product name : B85-PLUS/USB 3.1

Intel B85, Socket 1150, DDR3, 32GB, ATX

ASUS B85-PLUS/USB 3.1. Processor manufacturer: Intel, Processor socket: LGA 1150 (Socket H3), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR3-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA II, SATA III. Parallel processing technology support: Quad-GPU CrossFireX, Maximum graphics card memory: 1024 MB, Maximum resolution: 1920 x 1080 pixels. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek 8111GR



Processor		Network	
Processor manufacturer *	Intel	Ethernet LAN connection	✓
Processor socket *	LGA 1150 (Socket H3)	Ethernet interface type	Gigabit Ethernet
Compatible processor series *	Intel® Celeron®, Intel® Pentium®	LAN controller	Realtek 8111GR
Intel Core i3/i5/i7/i9 series	i3-4xxx, i5-4xxx, i7-4xxx		
Memory		Features	
Supported memory types *	DDR3-SDRAM	Motherboard chipset *	Intel® B85
Number of memory slots *	4	Audio chip	Realtek ALC887
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Component for *	PC
ECC compatibility	Non-ECC	Motherboard form factor *	ATX
Supported memory clock speeds	1066,1333,1600 MHz	Motherboard chipset family *	Intel
Maximum internal memory *	32 GB	Power source type	ATX
Unbuffered memory	✓		Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64
Storage Controllers		Windows operating systems supported	
Supported storage drive interfaces *	SATA II, SATA III		
Graphics		Expansion Slots	
Maximum graphics card memory	1024 MB	PCI Express x1 (Gen 2.x) slots	2
Parallel processing technology support *	Quad-GPU CrossFireX	PCI Express x16 (Gen 2.x) slots	1
Maximum resolution	1920 x 1080 pixels	PCI Express x16 (Gen 3.x) slots	1
Discrete graphics support	✓		
Internal I/O			
USB 2.0 connectors *	1		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
Number of SATA III connectors *	4		
Number of SATA II connectors	2		

Internal I/O		Expansion Slots	
S/PDIF out connector	✗	PCI slots	3
Number of EATX power connectors	1	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	2	BIOS memory size	64 Mbit
Rear panel I/O ports		ACPI version	4.0a
USB 2.0 ports quantity *	2	Clear CMOS jumper	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Processor special features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Intel Anti-Theft Technology	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Intel Trusted Execution Technology	✗
Ethernet LAN (RJ-45) ports quantity *	1	Intel Rapid Storage Technology	✗
PS/2 ports quantity	2	Processor with Intel Graphics Technology required	✓
VGA (D-Sub) ports quantity *	1	Intel Turbo Boost Technology	2.0
DVI-D ports quantity *	1	Intel Stable Image Platform Program (SIPP)	✗
S/PDIF out port	✓	Intel® Small Business Advantage (Intel® SBA)	✓
		Intel® Smart Response Technology	✗
		Intel Extreme Memory Profile (XMP)	✓
		Intel Virtualization Technology for Directed I/O (VT-d)	✗
		Weight & Dimensions	
		Width	305 mm
		Depth	221 mm
		Packaging Content	
		Cables included	SATA
		Other features	
		Intel® vPro™ Platform Eligibility	✗

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