

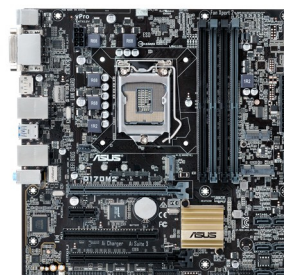
ASUS Q170M2 motherboard Intel® Q170 LGA 1151 (Socket H4) micro ATX

Brand : ASUS

Product code: Q170M2

Product name : Q170M2

Chipset Intel Q170, Socket LGA1151, DDR4, 64GB, 4096 x 2304, UEFI AMI BIOS, Micro-ATX
 ASUS Q170M2. Processor manufacturer: Intel, Processor socket: LGA 1151 (Socket H4), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III. Parallel processing technology support: Quad-GPU CrossFireX, Maximum graphics card memory: 1024 MB, Graphics card family: Intel. Ethernet interface type: Gigabit Ethernet, LAN controller: Intel I219LM



Processor		Features	
Processor manufacturer *	Intel	Audio output channels *	7.1 channels
Processor socket *	LGA 1151 (Socket H4)	Component for *	PC
Compatible processor series *	Intel® Celeron®, Intel® Pentium®	Motherboard form factor *	micro ATX
Intel Core i3/i5/i7/i9 series	i3-6xxx, i5-6xxx, i7-6xxx	Motherboard chipset family *	Intel
Memory		Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, 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 8.1 Enterprise x64, Windows 8.1 Pro x64, Windows 8.1 x64	
Supported memory types *	DDR4-SDRAM		
Number of memory slots *	4		
Memory slots type	DIMM		
Memory channels	Dual-channel		
ECC compatibility	Non-ECC		
Supported memory clock speeds	2133 MHz		
Maximum internal memory *	64 GB		
Unbuffered memory	✓		
Storage controllers		Windows operating systems supported	
Supported storage drive interfaces * M.2, SATA III			
Graphics		Expansion slots	
Maximum graphics card memory	1024 MB	PCI Express x1 (Gen 2.x) slots	1
Parallel processing technology support *	Quad-GPU CrossFireX	PCI Express x1 (Gen 3.x) slots	1
Graphics card family	Intel	PCI Express x16 (Gen 2.x) slots	1
Graphics card	HD Graphics	PCI Express x16 (Gen 3.x) slots	1
Maximum resolution	4096 x 2304 pixels	PCI slots	1
Discrete graphics support	✓	Mini PCI Express slot (half-length)	1
Number of displays supported	3	Number of M.2 (M) slots	1
Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
		BIOS memory size	16 Mbit
		ACPI version	5.0

Internal I/O		Processor special features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Intel® Virtualization Technology (Intel® VT)	VT-d
Number of SATA III connectors *	6	Intel Trusted Execution Technology	✓
Front panel audio connector	✓	Intel Rapid Storage Technology	✓
Number of EATX power connectors	1	Intel® High Definition Audio (Intel® HD Audio)	✓
CPU fan connector	✓	Processor with Intel Graphics Technology required	✓
Number of chassis fan connectors	2	Intel ME Firmware Version	11
Chassis intrusion connector	✓	Conflict-Free	✓
Number of COM connectors	2	Intel® Turbo Boost Technology	2.0
Rear panel I/O ports		Intel Stable Image Platform Program (SIPP)	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Intel® Small Business Advantage (Intel® SBA)	✓
Ethernet LAN (RJ-45) ports *	2	Intel® Smart Response Technology	✓
PS/2 ports quantity	2	Intel Extreme Memory Profile (XMP)	✓
DVI-D ports quantity *	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
DVI-I ports quantity	1	Intel Rapid Storage Technology enterprise	✗
DisplayPorts quantity	1	Weight & dimensions	
Network		Width	244 mm
Ethernet LAN	✓	Depth	244 mm
Ethernet interface type	Gigabit Ethernet	Packaging content	
LAN controller	Intel I219LM	Cables included	SATA
Wi-Fi *	✗	Other features	
Bluetooth	✗	Intel® vPro™ Platform Eligibility	✓
Features			
Motherboard chipset *	Intel® Q170		
Audio chip	Realtek ALC887		

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