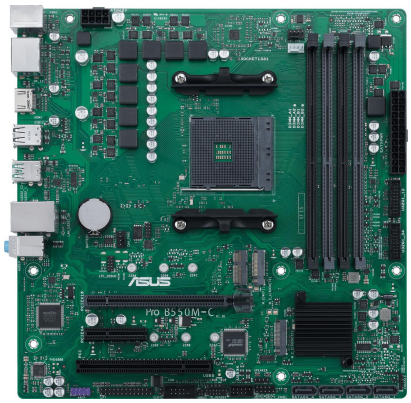
ComX Computers
Product Specification Sheet

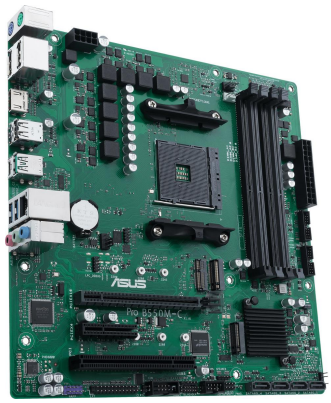
90MB15Q0-M0EAYC

Asus Pro B550M-C/CSM AMD 3rd Gen Socket AM4 mATX Motherboard

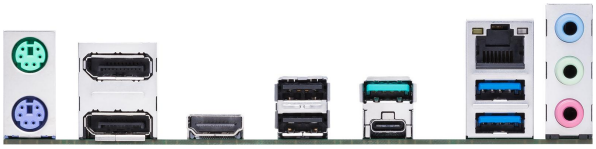
Product Overview

Asus Pro B550M-C/CSM AMD 3rd Gen Socket AM4 mATX Motherboard, AMD B550 Chipset, 4x DIMM Maximum 128GB, 2x DisplayPort, 1x HDMI 2.1 (4k@60hz), AMD Ryzen 5000 series / 3000 series Desktop processors, 1x PCI-e 4.0 x16 (x16 mode), 4x 1x PCI-e 3.0 , 1x PCI, 2x M.2 slots and 4 x SATA 6Gb/s Ports, Realtek RTL8111h 1GB Ethernet, 7.1 surround sound high definition audio, USB 3.2 Gen 2 Ports, USB 3.2 Gen 1 Ports, USB 2.0 Ports











Specifications

Overview:

AMD B550 (Ryzen AM4) micro ATX business motherboard with enhanced security, reliability and manageability. Dual M.2, PCIe 4.0, 1 Gb Ethernet, dual DP/HDMI, SATA 6 Gbps, USB 3.2 Gen 2 Type-C.

- AMD AM4 socket:Ready for Ryzen 5000 Series/ 4000 G-Series/ 3000 Series Desktop Processors
- Ultrafast connectivity:Dual M.2, PCIe 4.0, 1 Gb Ethernet, USB 3.2 Gen 2 Type-C
- ASUS-exclusive self-recovering BIOS technology for automatic system BIOS recovery from a verified backup
- Innovative moisture-resistant coating to protect the motherboard from harsh environments

Features:

ASUS Corporate Stable Model

ASUS Corporate Stable Model (CSM) is a commercial program designed to provide stable and reliable motherboards. Offering up to 36-month product lifecycle support and 6-month end-of-life notice to allow sufficient lead times for your organization to get ready for product transitions. Each purchase of an ASUS CSM motherboard comes with ASUS Control Center Express - server-grade IT management software.

ASUS Control Center Express

ASUS Control Center Express is an integrated IT monitoring and management software designed to deploy faster, simplify IT operations and improve productivity with comprehensive control and user-friendly functions. ASUS Control Center Express is compatible with over 100 ASUS motherboards to provide a high-quality, TCO-optimized solution for your business needs.

about ASUS Control Center Express >

- Optimize IT endpoint management Designed to assist IT staff in monitoring and controlling devices within their corporate networks, and facilitate inventory checking in multiple locations remotely
- Automate IT maintenance Allows IT staff to schedule automatic updates of the latest BIOS, software and utilities to specific or all devices at off-peak times, enhancing system stability and IT operational flexibility
- Securely manage all of endpoints Securely manage endpoint configuration, portable storage access and PC software applications by enabling them to create grouping rules on individual devices

* ASUS Control Center Express is only available for CSM motherboards. Please consult your local sales representative for more information

Internationally Certified Business Motherboard

ASUS business motherboards are enterprise proven with leading quality that exceeds industry standards. Certified by multiple international safety and environmental organizations, ASUS business motherboards provide a safe, secure and sustainable solution, making them the ideal choice for your business.

- ASUS ShieldEnhances system security from bottom to top
- ASUS ReliantEnsures consistent performance with the finest components and rigorous reliability testing

- Management SuiteMakes customization and management more efficient

ASUS Self-recovering BIOS

ASUS-exclusive BIOS protection technology automatically recovers the system BIOS with a verified backup in the event of an update failure, preventing the need to replace or reinstall hardware.

ASUS Secure Boot

ASUS business motherboard is set to check the firmware and signature of each piece of boot software.

Trusted Platform Module (TPM)

Hardware-based security offers better data protection, enhances network security, protects digital identities and ensures platform integrity.

Certified NIST SP 800-147

ASUS business motherboard is certified by the national computer security standards.

With ASUS Self-recovering BIOS

The user simply needs

one

step to restore the latest BIOS update.

- Benefits
- Ensures safe BIOS updates
- Reduces maintenance frequency and costs
- Requires no extra software
- Provides automatic update failure detection and recovery

Standard process for BIOS update crash recovery

The user needs

four

steps to reinstall the BIOS update:

ASUS Reliant - Ensures consistent performance with the finest components and rigorous reliability testing

- Trouble shooting solution
- 24/7 Reliability Test
- Anti-moisture Coating
- Anti-sulfur Resistors
- LAN Guard
- Overvoltage Protection
- Stainless-Steel Back I/O
- ESD Guards

ASUS Trouble Shooting Solution

ASUS Debug header is a 10-1 pin low pin count (LPC) header for connecting to debug cards for faster, more efficient motherboard troubleshooting. When connected to an ASUS Debug Card, administrators can view error and debugging codes on the integrated LCD display, and get better idea of initialization and recovery processes. ASUS business motherboards provide a complete troubleshooting solution, making mass production faster and more cost effective.

Specifications:

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Specifications

Product Code	90MB15Q0-M0EAYC
CPU	AMD AM4 Socket for AMD Ryzen 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors
Chipset	AMD B550
Memory	4 x DIMM, Max. 128GB, DDR4 4866(O.C) / 4800(O.C.) / 4600(O.C) / 4466(O.C.) / 4400(O.C) / 4333(O.C.) / 4266(O.C.) / 4200(O.C.) / 4133(O.C.) / 4000(O.C.) / 3866(O.C.) / 3733(O.C.) / 3600(O.C.) / 3466(O.C.) / 3400(O.C.) / 3333(O.C.) / 3200 / 3000 / 2933 / 2800 / 2666 / 2400 / 2133 MHz Un-buffered Memory
	Dual Channel Memory Architecture
	ECC Memory (ECC mode) support varies by CPU.
Graphic	2 x DisplayPort
	1 x HDMI 2.1(4K@60HZ)
	*Graphics specifications may vary between CPU types.
Expansion Slots	AMD Ryzen 5000 Series/ 3000 Series Desktop Processors
	1 x PCIe 4.0 x16 (x16 mode)
	AMD Ryzen 5000 G-Series/ 4000 G-Series Desktop Processors
	1 x PCIe 3.0 x16 (x16 mode)
	AMD B550 Chipset
	1 x PCIe 3.0 x4 *1
	1 x PCI
	* Support PCIe bifurcation for RAID on CPU function.
Storage	Total supports 2 x M.2 slot(s) and 4 x SATA 6Gb/s ports
	AMD Ryzen 5000 Series/ 3000 Series Desktop Processors :
	1 x M.2_1 socket 3, with M Key, Type 2242/2260/2280 (PCIE 4.0 x4 and SATA modes) storage devices support
	AMD Ryzen 5000 G-Series/ 4000 G-Series Desktop Processors :
	1 x M.2_1 socket 3, with M Key, Type 2242/2260/2280 (PCIE 3.0 x4 and SATA modes) storage devices support
	AMD B550 Chipset :
	1 x M.2_2 socket 3, with M Key, Type 2242/2260/2280 (PCIE 3.0 x4 and SATA modes) storage devices support
	4 x SATA 6Gb/s port(s)
	Support Raid 0, 1, 10
LAN	Realtek RTL8111H 1Gb Ethernet
Audio	Realtek ALC887/897 7.1 Surround Sound High Definition Audio CODEC
	- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking, up to 24-Bit/192kHz playback
	* Choose the chassis with HD audio module in front panel to support 8-channel audio output.

USB Ports	Rear USB Port (Total 6)
	2 x USB 3.2 Gen 2 port(s)(1 x Type-A +1 x USB Type-C)
	2 x USB 3.2 Gen 1 port(s)(2 x Type-A)
	2 x USB 2.0 port(s)(2 x Type-A)
	Front USB Port (Total 7)
	4 x USB 3.2 Gen 1 port(s)(4 x Type-A)
	3 x USB 2.0 port(s)
Software Features	ASUS Exclusive Software
	IT Management software supported
	- ASUS Control Center Express(ACCE)
ASUS Special Features	ASUS Q-Design
	- ASUS Q-DIMM
	- ASUS Q-Slot
	ASUS Thermal Solution
	- Aluminum heatsink design
	ASUS EZ DIY
	- Box Headers
	Bespoke Motherboard Design & Business Focused Features
	- ASUS Self Recovering BIOS
	- ASUS Event Log
	- ASUS Commercial BIOS kit
	- Anti-Moisture
	- 24/7 Reliability
	- Overcurrent Protection
	TPM2.0 IC Onboard
Back I/O Ports	1 x Realtek RTL8111H
	1 x PS/2 keyboard (purple)
	1 x PS/2 mouse (green)
	2 x DisplayPort
	1 x HDMI
	2 x USB 3.2 Gen 2 (1 x Type-A+1 x USB Type-C)
	2 x USB 3.2 Gen 1 Type-A
	2 x USB 2.0
	3 x Audio jack(s)

Internal I/O Ports	1 x CPU Fan connector(s)
	2 x Chassis Fan connector(s)
	2 x USB 3.2 Gen 1(up to 5Gbps) connector(s) support(s) additional 4 USB 3.2 Gen 1 port(s)
	2 x USB 2.0 connector(s) support(s) additional 3 USB 2.0 port(s)
	2 x M.2 Socket 3 with M Key, type 2242/2260/2280 storage devices support (SATA mode & X4 PCIE mode)
	1 x M.2 with E key for Wi-Fi module
	1 x LPT header
	4 x SATA 6Gb/s connector(s)
	1 x Thunderbolt header(s)
	1 x 24-pin EATX Power connector(s)
	1 x 8-pin EATX 12V Power connectors
	1 x Front panel audio connector(s) (AAFP)
	1 x SMBus header(s)
	1 x System panel(s)
	1 x Clear CMOS jumper(s)
	1 x COM port header
	1 x Chassis intrusion header
	1 x LPC Debug header
	1 x Speaker connector
Accessories	1 x ACC Express Activation Key Card
	I/O Shield
	2 x SATA 6Gb/s cable(s)
	1 x Supporting DVD
	User manual
	3 x M.2 SSD screw package(s)
	2 x M.2 SSD Hex screw packages
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Manageability	WOL by PXE
Operating System	Windows 10 64-bit
Form Factor	mATX Form Factor
	9.6 inch x 9.6 inch (24.4 cm x 24.4 cm)
Note	*1 The PCIe x4 slot runs x2 mode when the PCI slot is occupied.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/90MB15Q0-M0EAYC-Asus-Pro-B550M-C-CSM-AMD-3rd-Gen-Socket-AM4-mATX-Motherboard-p-256831.php

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