



# BI370-610H

Mini-ITX Barebone Computer supports 12th/13th/14th Gen Intel® Core™ i 9/7/5/3 Processor, ATX Power



## Features

- Motherboard: MX610H Mini ITX Motherboard Inside
- Supports 12th/13th/14th Gen Intel® Core™ i 9/7/5/3 Processor
- Intel® H610E PCH
- 2 x SO-DIMM sockets support Dual Channel DDR5 memory speed up to 5600MHz (CPU dependent), up to 64GB
- Gen 4 PCIe x16
- TPM 2.0
- Supports 3 Independent Displays (2 x DP, 1 x HDMI)
- 2 x RJ45 LAN Ports (one 2.5GbE, one 1GbE)
- 4 x USB 3.2 (Rear side), 4 x USB 2.0 (2 Front, 2 Rear side)
- 2 x COM ports
- Optional 4 x COM ports at rear I/O side
- ATX Power
- HHHH PCIe x16 Expansion Slot supports half-height, half-length add-in card
- 8.5" L x 10.00" W x 3.42" H

## SPECIFICATIONS

System	
Motherboard	MX610H Mini ITX inside
Processor	LGA 1700 socket supports 12th Gen Alder Lake/ 13th Gen Raptor Lake/ 14th Gen Raptor Lake Refresh Intel® Core™ i 9/7/5/3, Pentium, Celeron Processors up to 16 Cores 24 Threads Hybrid
Chipset	Intel® H610E PCH
Memory	2 x SO-DIMM sockets support Dual Channel DDR5 memory speed up to 5600MHz, up to 64GB 12th Gen Intel Core CPU: up to DDR5 4800 MT/s (CPU dependent) 13th Gen Intel Core CPU: up to DDR5 5600 MT/s (CPU dependent) 14th Gen Intel Core CPU: up to DDR5 5600 MT/s (CPU dependent)
Display Chipset	Intel® UHD Graphics
Ethernet	LAN 1: Intel® Ethernet Controller I219-LM LAN 2: Intel® Ethernet Controller I225-V (2.5GbE)
Audio Codec	Realtek HD Audio Codec
Expansion	1 x Gen 4 PCIe x16 slot 1 x M.2 M-Key 2242/2280 NVMe (PCIe x4 + SATA III) 1 x M.2 E-Key 2230 with CNVi Support (PCIe x 1 + USB 2.0)
TPM	TPM 2.0
Supported OS	Win 10, Win 11, Linux

External I/O - Rear	
Display	1 x HDMI 2 x DP++
USB	4 x USB 3.2 2 x USB 2.0
COM	2 x RS-232/422/485 Optional 4 x COM ports
LAN	2 x RJ45
Audio	Line-out, Mic-in
Expansion	HHHL PCIe x16 Expansion Slot supports half-height, half-length add-in card

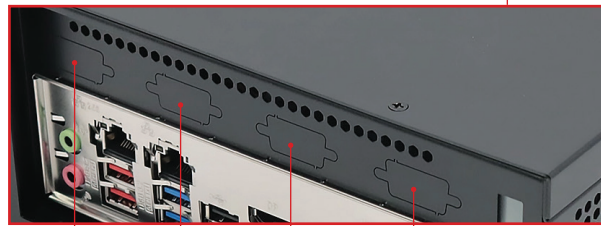
External I/O - Front	
USB	2 x USB 2.0
Power	1 x Power Button
Other	1 x Reset Button 1 x HDD LED Indicator

Mechanical, Power, and Environment	
Power Rating	300W ATX * Power Adapter is not included.
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-20° C ~ 80° C (-14°F ~ 176°F)
OP Humidity	5% to 95% non-condensing
Chassis Fans	2x Chassis Fans
Regulatory Compliance	FCC Class A/CE RoHS Compliant
Dimensions	8.5" L x 10.00" W x 3.42" H
Weight	5 lbs

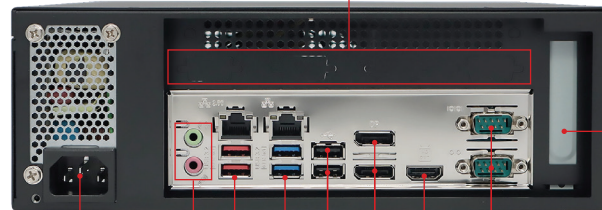
## SPECIFICATIONS / ADDITIONAL PRODUCT PHOTOS



2 x USB  
Power Button



4 cutouts reserved for 4 x COM Ports



ATX Power Input  
Line-in and Line-out  
4 x USB 3.2 and 2 x RJ45 LAN Ports  
2 x USB 2.0  
2 x DP  
HDMI  
2 x COM Ports

HHHL PCIe x16 Expansion Slot supports half-height, half-length add-in card

## ORDERING INFORMATION

Model Name	Description	Motherboard Inside	Power Input Type	Power Adapter
BI370-610H	Mini ITX Barebone Computer	MX610H Mini ITX	ATX	Not included
Please contact <a href="mailto:BCMSales@bcmcom.com">BCMSales@bcmcom.com</a> for more information.				

### BCM Advanced Research

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