



IMB-1242- Mini-ITX Motherboard with Intel® 14th 13th 12th Generation Processor Support, Intel® H610 Chipset and Triple Display Support

The IMB-1242 is a Mini-ITX motherboard with support for Intel® 14th 13th and 12th generation processors, allowing for the latest in compatibility and desktop processor architecture in a small format. The small footprint of the board enables deployment in small enclosures where space is at a premium. The IMB-1242 has expansive I/O including three video outputs for triple display support.

SPECIFICATIONS

CPU	Intel® 14th/13th/12th Gen (Raptor Lake-S Refresh/Raptor Lake-S/Alder Lake-S) Core™ Processors, up to 65W
CPU Socket	LGA1700
Memory Type	260-pin DDR4 3200MHz SO-DIMM
Memory Slots	2
Maximum Memory Supported	64GB
Chipset	Intel® H610
Integrated Graphics	Intel® UHD Graphics
Watchdog Timer	256 Segments, 0, 1, 2, ... 255sec
Video	1x HDMI 2.0b, 1x DisplayPort 1.4a ++, 1x VGA
LAN Ports	1x Intel® I219GbE, 1x Realtek RTL8125BG 2.5GbE
Serial ATA(SATA)	2 x SATA III

Extended Interface	1x PCIe x16Gen4, 1x M.2 M-Key2260/2280 PCIe x4 Gen3 and SATA, 1x M.2 E-Key 2230 PCIe x1forUSB 2.0 and CNVi forWireless
Rear I/O	2 xUSB 3.2 Gen2, 2 xUSB 2.0, 1x HDMI, 1x DP, 1x VGA, 1x Mic-In, 1x Line-Out, 2 xRS-232/422/485
Internal I/O	2 xUSB 3.2 Gen1, 2 xUSB 2.0
Audio	Realtek® ALC897 HD Audio
Power Requirement	ATX-PWR(24+4-pin) and 12V DC-Inco-design
Dimensions	6.7" x6.7" (170mmx 170mm)
Operating Temperature	-20~ 70 °C (-4~ 158 °F)
Storage Temperature	-40~ 85 °C (-40~ 185 °F)
Relative Humidity	5 ~ 90%
OS Software Supported	Windows 1064-bit, Windows 1164-bit
Global P/N / SKU	2809180

Ordering Options

IMB-1242(SKU# 2809180): Mini-ITXMotherboard with Intel® H610 Chipset and Intel® 14th/13th/12thGen Processor Support