



SBC-263J – 3.5 Inch Single Board Computer with an Intel® Alder Lake-N N97 Processor

The SBC-263J is a 3.5 inch Single Board Computer equipped with the Intel® Alder Lake-N N97 SoC Processor. With triple display support as well as DDR5 memory, this board is powerful, efficient, and incredibly compact. The SBC-263J boasts 6 COM headers, GPIO, and extensive expansion options via its M.2 slots.

SPECIFICATIONS

CPU	Onboard Intel® Alder Lake-N Processor N97 Quad Core, up to 3.6 GHz
Memory Type	262-pin DDR5 4800MHz SO-DIMM
Memory Slots	1
Maximum Memory Supported	32GB
Integrated Graphics	Intel® UHD Graphics
Watchdog Timer	256 Segments, 0, 1, 2, ...255sec
Video	1 x HDMI 2.0b, 1 x DisplayPort 1.4b, 1 x LVDS/eDP
LAN Ports	2 x Intel® I210AT GbE
Serial ATA (SATA)	1 x SATA III
Storage	1 x M.2 M-Key 2242/2280 PCIe Gen3 x1
GPIO Interface	4 x GPI, 4 x GPO

TPM	Intel® PTT (Integrated TPM)
Extended Interface	1 x M.2 E-Key 2230 PCIe Gen3 x1, 1 x M.2 B-Key 3042/3052 PCIe Gen3 x1, 1 x SIM socket connected to M.2 B-Key
Rear I/O	1 x HDMI, 1 x DP, 2 x LAN, 3 x USB 3.2 Gen2, 1 x USB 2.0
Internal I/O	1 x USB 2.0 header, 1 x RS-232/422/485, 5 x RS-232, 1 x GPIO, 1 x LVDS/eDP, 1 x SATA PWR, 1 x Speaker header
Audio	Realtek ALC256 HD Audio
Power Requirement	DC input 9 ~ 36V
Dimensions	5.8" x 4" (147mm x 102mm)
Operating Temperature	-20 ~ 70 °C (-4 ~ 158 °F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Relative Humidity	5 ~ 90%
OS Software Supported	Windows 10 64-bit, Windows 11 64-bit
Global P/N / SKU	3308952

Ordering Options

SBC-263J (3308952): 3.5" Single Board Computer with Intel® Alder Lake-N N97 SoC Processor *For other CPU SKUs request, please contact Sales for availability.