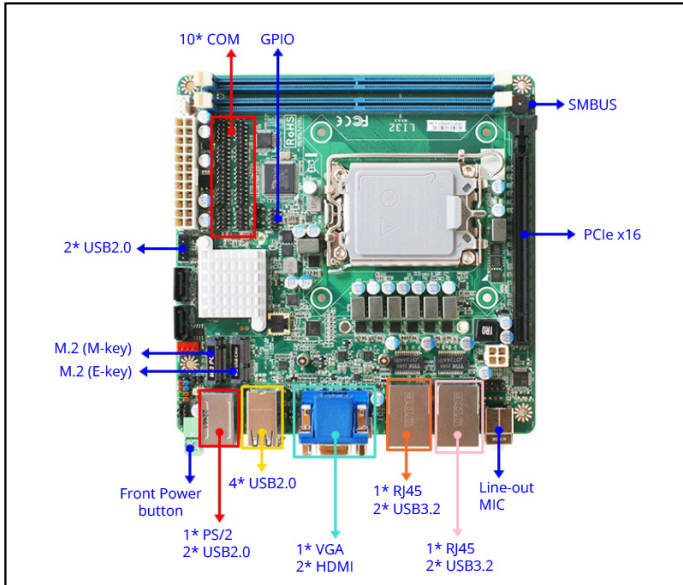


LI32-H6100



Mini-ITX

Mini-ITX Motherboard with Intel® LGA1700 12th/13th/14th Gen Socket Processor and 2 x DDR5 5600MHz up to 96G



Features

- Powered by Intel® LGA1700 12th/13th/14th Gen Socket Processor (Alder Lake-S, TDP 65W) with Intel® H610 Chipset
- Supports 2 x DDR5 5600MHz UDIMM up to 96GB
- Triple Display Support: 2 x 4K HDMI + 1 x VGA Output
- Dual GbE LAN for high-speed networking
- Comprehensive I/O: 4 x USB 3.2, 8 x USB 2.0, 10 x COM (RS-232, COM1/COM2 Co-lay 422/485)
- Storage Options: 2 x SATA III + 1 x M.2 M-key 2242/2280 (PCIe Gen4 x4)
- Additional Expansion: 1 x M.2 E-key 2230 + 1 x PCIe Gen4 x16
- Supports ATX power input

Packing List

PART NUMBER	DESCRIPTION	QTY
LI32 Series	LI32 Series M/B	1
F04-MB-XXX-F	IO Shield	1
G01-SATA3-BL-1F	SATA III Cable 50cm w/LOCK	1
G01-COM-H2M22-1F	COM9 Cable, 2 x 5P 1/2 K=9 L=220mm P=2.0	2

Specifications

SYSTEM	
MB FORM FACTOR	Mini-ITX
CPU	Intel® LGA1700 12/13/14th Gen Socket Processor (Formerly Alder Lake-S, TDP 65W)
CHIPSET	Intel® H610
MEMORY	2 x DDR5 5600MHz, Dual Channel SO-DIMM, up to 96GB
BIOS	AMI Flash ROM
WATCHDOG TIMER	255 Levels
SECURITY	TPM2.0 (Optional)
DIMENSION (W X D)	170.0 (W) x 170.0 (D) mm (6.7" x 6.7")
OS SUPPORT	Windows® 11 (64bit) Windows® 10 (64bit) Linux
POWER	
POWER REQUIREMENT	ATX Power Supply
POWER ON MODE	AT / ATX
CONNECTOR	24+4-pin ATX PWR
DISPLAY	
GPU	Intel® HD Graphics
HDMI	2 x HDMI 2.0 (Max Resolution: 4096 x 2160@60Hz)
VGA	1 x VGA (Max Resolution: 1920 x 1080 @60Hz)
MULTIPLE DISPLAY	Support 3 Displays
AUDIO	
CODEC	Realtek Audio Codec
Line-out	1 x Audio Jack for Line-Out
MIC-in	1 x Audio Jack for MIC-In
LAN	
ETHERNET	2 x RJ45 for Realtek® RTL8111H GbE
USB PORT	
USB	4 x USB 3.2 Gen 1x1 (5Gbps, Formerly USB 3.1 Gen 1) 6 x USB 2.0 Internal Header for 2 x USB 2.0
SERIAL PORT	
COM	Internal Header for 2 x RS-232/422/485 Internal Header for 8 x RS-232
INTERNAL I/O	
GPIO	8-Bit (5V)
SMBUS	Yes
FAN	1 x CPU Fan Header (Smart Fan) 1 x System Fan Header
ADDITIONAL	1 x Chassis Intrusion 1 x FP_Audio 1 x AT Mode Selection
STORAGE	
SATA	2 x SATA III
EXPANSION	
M.2	1 x M-Key 2242/2280 (PCIe 3.0 x4) Support NVMe 1 x E-Key 2230 (CNVi/PCIe x1/USB2.0) Support WiFi/BT Module
PCI-E	1 x PCIe x16 (Gen.4)
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5- 500Hz/ Operation
OPERATING TEMPERATURE	-10°C - 60°C (14°F - 140°F)
STORAGE TEMPERATURE	-20°C - 70°C (-4°F - 158°F)
OPERATING HUMIDITY	10 - 90% Relative Humidity, Non-condensing
CERTIFICATION	CE/FCC Class A LVD
ESG DECLARATION	EU RoHS China RoHS REACH

Ordering Information

PART NUMBER	LI32-H6100	LI32-H6102
CPU	Intel® Socket LGA1700 CPU	Intel® Socket LGA1700 CPU
SECURITY		TPM2.0
POWER REQUIREMENT	ATX Power Supply	ATX Power Supply
GPU	Intel® HD Graphics	Intel® HD Graphics
HDMI	2 x HDMI	2 x HDMI
VGA	1 x VGA	1 x VGA
MULTIPLE DISPLAY	Support 3 Displays	Support 3 Displays
ETHERNET	2 x GbE	2 x GbE
USB	4 x USB 3.2	4 x USB 3.2
USB	8 x USB 2.0	8 x USB 2.0
COM	2 x RS-232/422/485	2 x RS-232/422/485
COM	8 x RS-232	8 x RS-232
SATA	2 x SATA III	2 x SATA III
M.2	1 x M-Key 2242/2280	1 x M-Key 2242/2280
M.2	1 x E-Key 2230	1 x E-Key 2230
PCI-E	1 x PCI-E x16	1 x PCI-E x16
OPERATING TEMPERATURE	-10°C - 60°C (14°F - 140°F)	-10°C - 60°C (14°F - 140°F)