

# LI25-H6100 Series

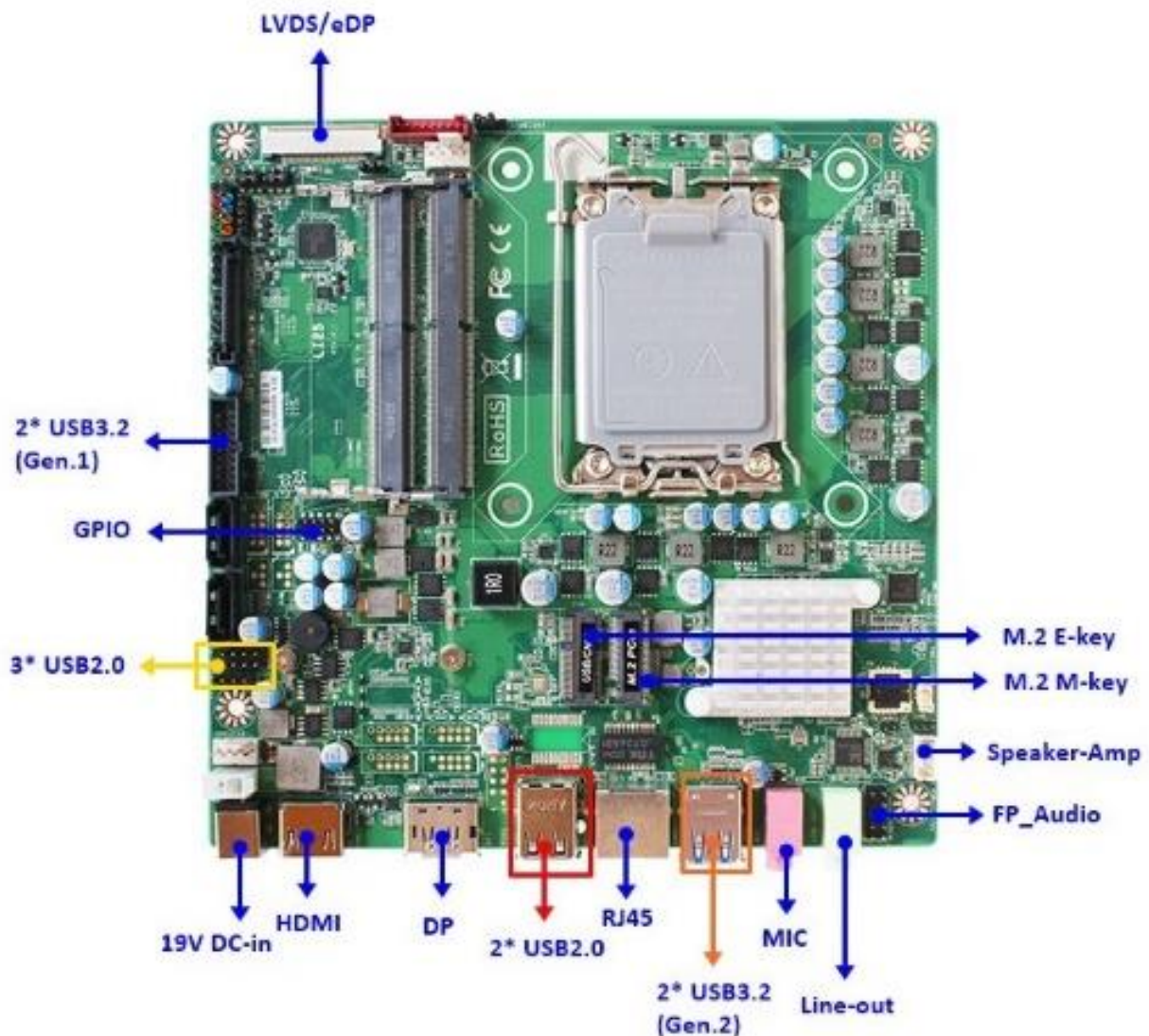
170x170mm size with 14th/13th/12th Intel® Core™ i9/i7/ i5 /i3, Celeron, Pentium® LGA1700 Socket Processor, DDR4 up to 64GB, support 3 display

## Features

1. Intel® 14th/13th/12th LGA1700 Socket Processor (Max. 65W TDP)
2. Intel® Alder Lake-S H610 Chipset
3. 2\* DDR4 3200MHz UDIMM up to 64GB
4. 1\* HDMI, 1\* DP, 1\* LVDS or eDP
5. 1\* GbE
6. 2\* USB3.2 (Gen.2), 2\* USB3.2(Gen.1), 5\* USB2.0
7. 1\* M.2 M-key, 2242/2280(PCI-Ex4), 1\* M.2 E-key, 2230, 2\*SATAIII (6Gb/s)
8. Onboard TPM2.0 (Option)
9. 19V DC-in



## I/O Diagram



## Specifications

<b>Model</b>	<ul style="list-style-type: none"> <li>LI25-H6100</li> <li>LI25-H6102 (TPM2.0)</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>Mini-ITX (170 * 170mm)</li> </ul>
<b>Processor System</b>	<ul style="list-style-type: none"> <li>Intel® 14th/13th/12th LGA1700 Socket Core i9/i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDP)</li> <li>Intel® Alder lake-S H610 chipset</li> <li>AMI Flash ROM BIOS</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>2* DDR4 3200MHz Dual Channel SO-DIMM up to 64GB</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>2* SATAIII (6Gb/s)</li> <li>1* M.2 M-key (2242/2280 PCI-Ex4 Gen.3 interface)</li> </ul>
<b>Expansion</b>	<ul style="list-style-type: none"> <li>1* M.2 E-key (2230, CNVi/PCI-Ex1/USB2.0, Support WIFI/BT Module)</li> </ul>
<b>Ethernet</b>	<ul style="list-style-type: none"> <li>1* REALTEK® RTL8111H 10/100/1000Mbps</li> </ul>
<b>Graphics</b>	<ul style="list-style-type: none"> <li>Intel® HD Graphics, shared memory</li> <li>1* EXT HDMI2.0 (Max Resolution: 4096x2160@60Hz)</li> <li>1* EXT DP1.4 (Max Resolution: 7680x4320@60Hz)</li> <li>1* INT LVDS (Max Resolution: 2560x1600@60Hz)</li> <li>1* INT EDP1.2 (Max Resolution: 1920x1080@60Hz)</li> <li>Support Triple Displays</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>HD audio: Realtek ALC897</li> </ul>
<b>Watchdog Timer</b>	<ul style="list-style-type: none"> <li>From Super I/O to drag RESETCON#</li> <li>256 segments (10sec ~ 255min)</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>2* USB3.2 (Gen.1)</li> <li>3* USB2.0 (PH2.54)</li> <li>1* 8bit GPIO (5V)</li> <li>2* SATAIII (6Gb/s)</li> <li>1* SATA Power</li> <li>1* LVDS(or eDP) + 1* Inverter</li> <li>1* 2pin Power connector</li> <li>1* Chassis intrusion</li> <li>1* FP_Audio</li> <li>1* 4pin Speaker header (for 3W Amplifier, PH2.0)</li> <li>1* 4pin Speaker header (for Buzzer, PH2.54)</li> <li>1* FP_JW</li> <li>1* SMBUS + 1*AT model</li> <li>1* CPU FAN Header (Smart FAN) + 1* SYSTEM FAN Header (W/O Smart FAN)</li> </ul>
<b>External I/O</b>	<ul style="list-style-type: none"> <li>2* USB3.2 (Gen.2)</li> <li>2* USB2.0</li> <li>1* HDMI2.0</li> <li>1* DP1.4</li> <li>1* RJ45</li> <li>1* Line-Out</li> <li>1* MIC</li> <li>1* DC Jack (19V DC in)</li> </ul>
<b>Power</b>	19V DC in, AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
<b>Compliance</b>	CE, FCC, LVD, RoHS, REACH (Option)
<b>Temperature</b>	<ul style="list-style-type: none"> <li>Operating Temperature: 0 ~ 60° C</li> <li>Storage Temperature: -20 ~ 70° C</li> <li>Humidity: 10% ~ 90% RH @40°C (non-condensing)</li> </ul>
<b>OS Support</b>	<ul style="list-style-type: none"> <li>Windows 10/11, Linux</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>2 Years limited warranty</li> </ul>

\* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

## Standard Accessories

Part Number	Description
LI25 Series	LI25 Series M/B
F04-MB-092-F	I/O shield
G01-SATA3-BL-1F	1* SATA Cable
G01-COM-H2M22-1F	1* COM Cable

