

# LI25-H610L

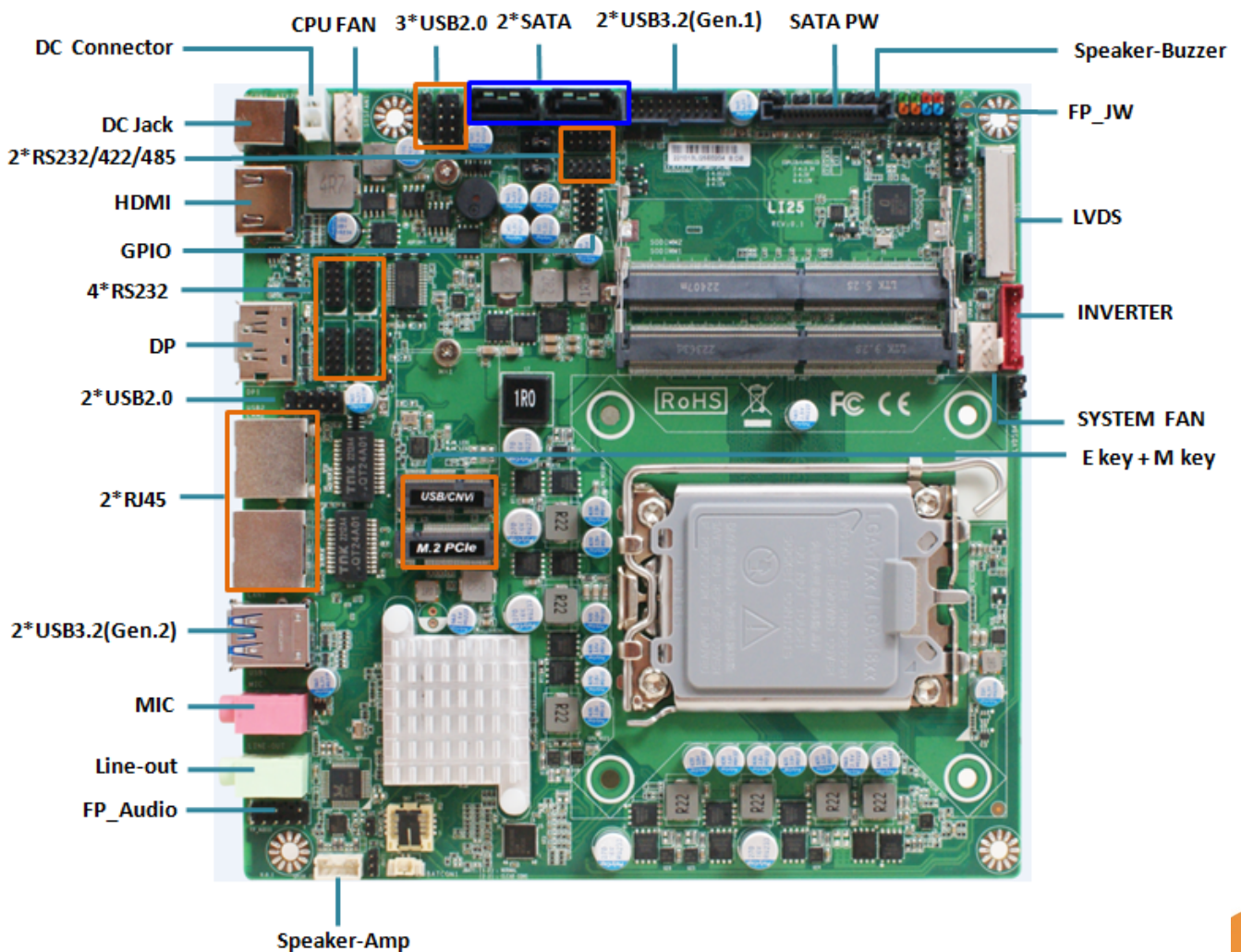
170\*170mm size with 12<sup>th</sup>/13<sup>th</sup> Intel® Core™ i9/i7/ i5 /i3, Celeron & Pentium® LGA1700 Socket Processor ,  
DDR4 up to 64GB, support 3 display

## Features

1. Intel® 12<sup>th</sup>/13<sup>th</sup> LGA1700 Socket Processor (Max.65W TDP)
2. Intel® Alder Lake-S H610 Chip
3. 2\* DDR4 3200MHz UDIMM up to 64GB
4. 1\*HDMI, 1\*DP, 1\*LVDS, 1\*eDP
5. 2\*GbE LAN
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), 6\*COM
8. Onboard TPM2.0(Optional)
9. 19V DC in



## I/O Diagram



## Specifications

|                         |  |
|-------------------------|--|
| <b>Model</b>            | <ul style="list-style-type: none"> <li>LI25-H610L / LI25-H610L2 (TPM2.0)</li> </ul>  |
| <b>Form Factor</b>      | <ul style="list-style-type: none"> <li>170 * 170mm</li> </ul>  |
| <b>Processor System</b> | <ul style="list-style-type: none"> <li>Intel® 12<sup>th</sup> /13<sup>th</sup> LGA1700 Socket Core i9/i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDP)</li> <li>AMI Flash ROM BIOS</li> </ul>   |
| <b>Chipset</b>          | <ul style="list-style-type: none"> <li>Intel® Alder lake-S H610</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>2* 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: 2560*1600@60Hz)</li> <li>1* INT EDP1.2 (Max Resolution: 4096x2160@60Hz)<br/>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>5* USB2.0 (PH2.54)</li> <li>6* COM (2*RS232/422/485 +2*RS232, COM5/6 Support 5V/12V TTL)</li> <li>8bit GPIO (5V)</li> <li>2* SATAIII (6Gb/s)</li> <li>1* SATA Power</li> <li>1* LVDS + 1* Inverter</li> <li>1* eDP socket (back)</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>1* HDMI2.0 +1* DP1.4</li> <li>2* 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<br>- AT: Directly PWR on as Power input ready<br>- 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: -10 ~ 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>       | Windows 10/11, Linux   |
| <b>Warranty</b>         | 2 Years limited warranty   |

\* 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-XXX-F*1     | LI25 DC Jack +HDMI +DP +RJ45/USB +RJ45 +USB3 +Line-out +MIC |
| G01-SATA3-BL-1F*1  | CABLE for SATA3 50cm Blue w/LOCK                            |
| G01-COM-H2M22-1F*2 | COM9 杜 2*5P 1/2 K=9 L=220mm P=2.0                           |
|                    |   |