

LI35-6305EL Series

Intel® 11th Tiger Lake-UP3 Core SoC Processor, DDR4 up to 32GB, 2* GbE, support triple display

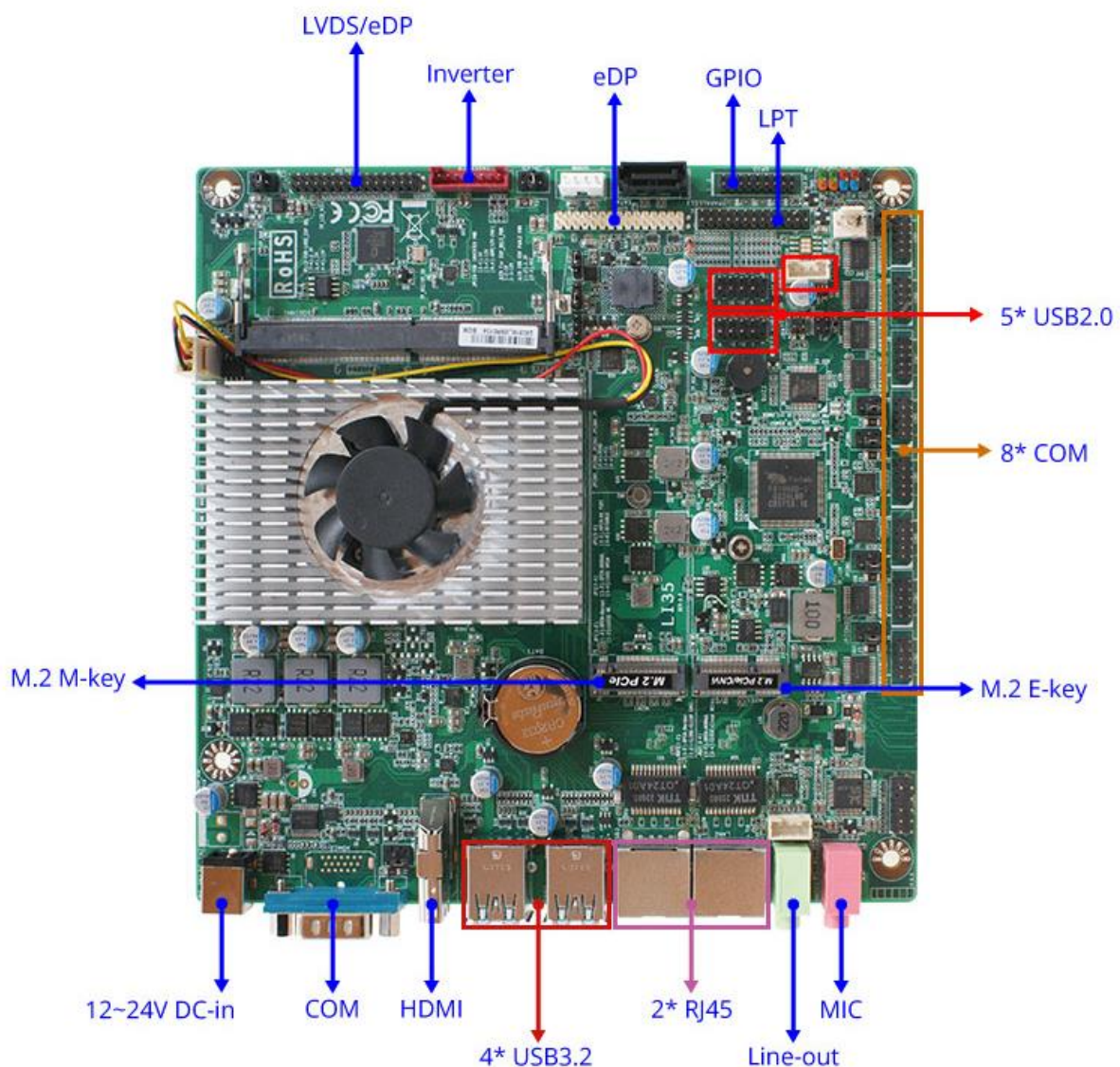
Features

1. Intel® 11th Tiger Lake-UP3 SoC Processor (Default: 6305E 1.8GHz/DC)
2. 1* DDR4 3200MHz SO-DIMM up to 32GB
3. 1* HDMI, 1* LVDS/eDP, 1* eDP
4. 2* Realtek® RTL8111H GbE
5. 4* USB3.2 (Gen.1), 5* USB2.0, 9* COM (COM4/5 Support RS232/422/485)
6. 1* M.2 M-key (2242/2280, PCIe x4), 1* M.2 E-key (2230), 1* SATAIII
7. Onboard TPM2.0 (Option)
8. 12-24V DC-in



intel. FC CE RoHS COMPLIANT

I/O Diagram



Specifications

Model	<ul style="list-style-type: none"> • LI35-6305EL (Default) • LI35-6305E2L (TPM2.0) • LI35-1115G4EL • LI35-1115G4E2L (TPM2.0) • LI35-1135G7L • LI35-1135G72L (TPM2.0) • LI35-1145G7L • LI35-1145G72L (TPM2.0)
Form Factor	<ul style="list-style-type: none"> • Mini-ITX (170 * 170mm)
Processor System	<ul style="list-style-type: none"> • Intel® 11th Tiger Lake-UP3 6305E/ 1115G4E/ 1135G7 / 1145G7ESoC Processor • AMI Flash ROM BIOS
Memory	<ul style="list-style-type: none"> • 1* DDR43200MHz So-DIMM up to 32GB
Storage	<ul style="list-style-type: none"> • 1* SATAIII (6Gb/s) • 1* M.2 M-key (2242/2280PCI-Ex4 Gen.3 interface, Support SSD)
Expansion	<ul style="list-style-type: none"> • 1* M.2 E-key (2230, CNVi/PCI-Ex1/USB2.0, Support WIFI/BT Module)
Ethernet	<ul style="list-style-type: none"> • 2* Realtek®RTL8111H10/100/1000Mbps
Graphics	<ul style="list-style-type: none"> • Intel® HD Graphics, shared memory • 1* HDMI2.0 (Max Resolution: 4096x2160@60Hz) • 1* LVDS/EDP (Max Resolution: 1920x1200@60Hz) • 1* EDP (Max Resolution: 4096*2304@30Hz) • Support Triple Displays
Audio	<ul style="list-style-type: none"> • HD audio: Realtek ALC897 • Build-in Amplifier to support 3W Speaker
Watchdog Timer	<ul style="list-style-type: none"> • From Super I/O to drag RESETCON# • 256 segments (10sec ~ 255min)
Internal I/O	<ul style="list-style-type: none"> • 4* USB2.0 (PH2.54) • 1* USB2.0 (PH2.0) • 16bit GPIO (5V, Co-lay LPT) • 1* LPT (Co-lay GPIO) • 8* COM (COM4/5 Support RS232/422/485) • 1* SATAIII (6Gb/s) • 1* SATA Power • 1* Chassis intrusion • 1* FP_Audio • 1* Audio amplifier header to support left and right side Speakers • 1* FP_JW • 1* SMBUS • 1*AT model • 1* CPU FAN Header(Smart FAN) • 1*SYSTEM FAN(W/O Smart FAN)
External I/O	<ul style="list-style-type: none"> • 4* USB3.2(Gen.1) • 1* HDMI2.0 • 2* RJ45 • 1* COM(RS232) • 1* Line-Out • 1* MIC • 1* DC Jack (12-24V DC in)
Power	<p>12-24V DC-in, AT/ATX Supported</p> <ul style="list-style-type: none"> - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Compliance	CE, FCC, LVD, RoHS, REACH (Option)
Temperature	<ul style="list-style-type: none"> • Operating Temperature: 0 ~ 60° C • Storage Temperature: -20 ~ 70° C • Humidity: 10% ~ 90% RH @40°C (non-condensing)
OS Support	Windows 10/11, Linux
Warranty	<ul style="list-style-type: none"> • 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
	LI35-6305EL Series M/B
F04-MB-075-1F	1* I/O shield
G01-SATA3-BL-1F	1* SATA3 Cable, 50cm w/LOCK
G01-COM-H2M22-1F	3* COM9 Cable, 2*5P 1/2 K=9 L=220mm P=2.0

Mechanical Drawings (Unit=mm)

