

LE30 Series

Intel® 11th Gen. Tiger Lake-UP3 SoC Processors, M.2 PCIe 4.0 x4 support NVMe, 4* USB3.2, 2* 2.5GbE

Features

1. Intel® Tiger Lake-UP3 SoC Processor (TDP 12~28W)
2. 1* DDR4-3200MHz SO-DIMM up to 32GB
3. 2* Intel i225-V 2.5GbE
4. 1* VGA, 1* HDMI 2.0b, 1* eDP, 1* 24-bits LVDS
5. 2* RS232, 2* RS232/422/485, 2* USB3.2 (Gen2), 2* USB3.2 (Gen1) 2* USB2.0
6. 1* M.2 M-key (2242/2280), 1* M.2 E-key(2230), 1* M.2 B-key (3042/3052), 1* SATAIII (6Gb/s)
7. 2* Mixture Header (2* UART, 3* USB2.0, 1* LPC, 1* GPIO(8bit), 1* PCI-Ex1)
8. Onboard TPM 2.0 (option)
9. 12~24V DC-in

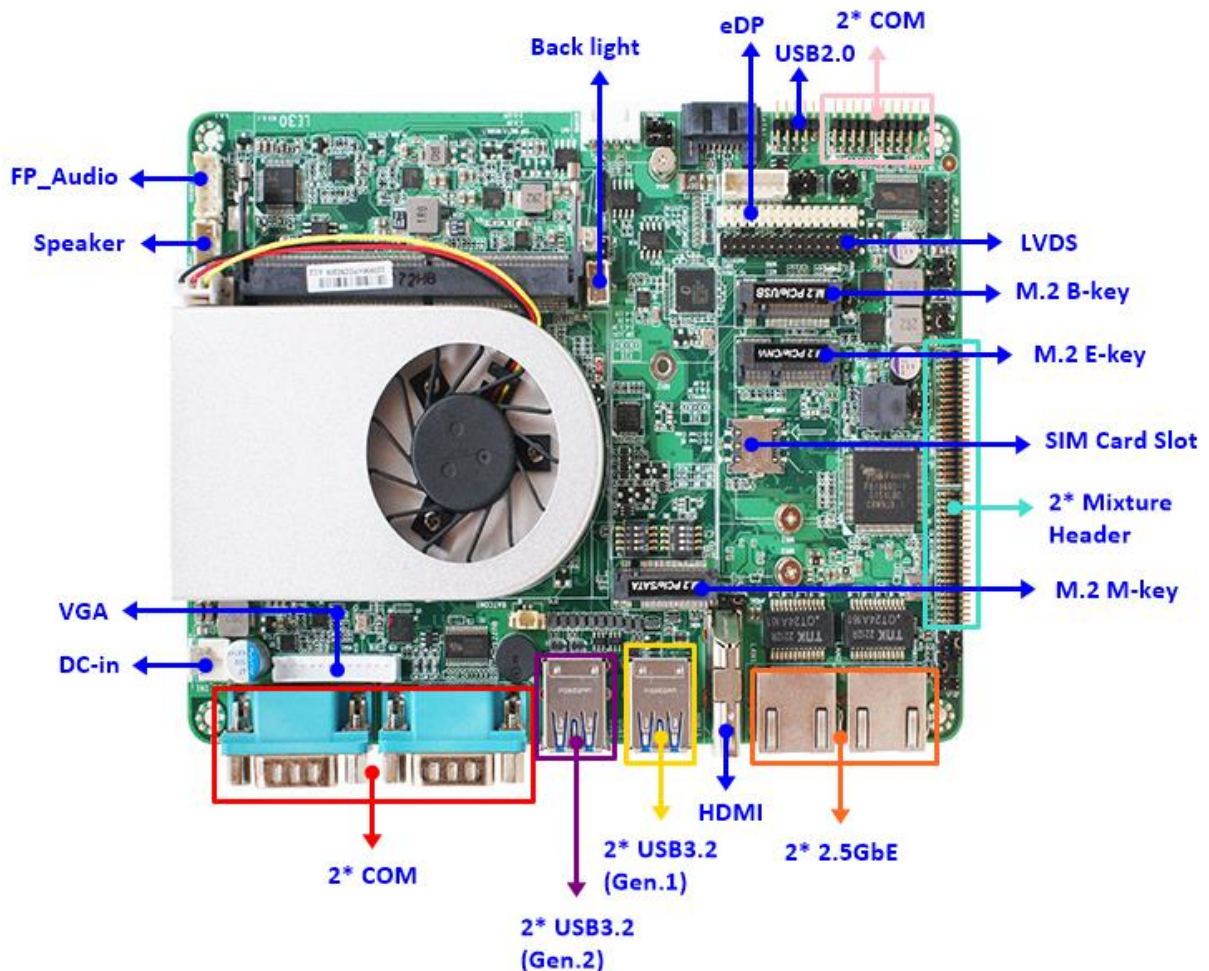


intel. FC CE RoHS COMPLIANT

Application

Panel PC / Factory Automation

I/O Diagram



Specifications

| | |
|-------------------------|---|
| Model | <ul style="list-style-type: none"> • LE30-1135G7 (Default: i5-1135G7) • LE30-1135G72 (135G7, TPM2.0) • LE30-1145G7E (i5-1145G7E) • LE30-1145G7E2 (1145G7E, TPM2.0) • LE30-6305E (6305E) • LE30-6305E2 (6305E, TPM2.0) • LE30-1115G4E (i3-1115G4E) • LE30-1115G4E2 (i3-1115G4E, TPM2.0) |
| Form Factor | <ul style="list-style-type: none"> • 5.5" EPIC (168 * 120mm) |
| Processor System | <ul style="list-style-type: none"> • Default: Intel® Tiger Lake i5-1135G7 SoC Processor 2.4G/QC (TDP 12~28W) • Intel® Tiger Lake 6305E / i3-1115G4E / i5-1145G7E SoC Processor • AMI Flash ROM BIOS |
| Memory | <ul style="list-style-type: none"> • 1* DDR4-3200 Dual Channel SO-DIMM up to 32GB |
| Storage | <ul style="list-style-type: none"> • 1* M.2 M-key 2242/2280, PCIe 4.0 x4interface, support NVME/SATA (Jumper) • 1* SATAIII |
| Expansion | <ul style="list-style-type: none"> • 1* M.2 E-key (2230) USB2.0/PCIex1 interface support CNVi • 1* M.2 B-key(3042/3052) USB2.0/PCIex1 interface support 3G/4G Module) |
| Ethernet | <ul style="list-style-type: none"> • 2* Intel i225-V 2.5GbE |
| Graphics | <ul style="list-style-type: none"> • Intel® HD Graphics, shared memory • 1* VGA (Max Resolution: 1920x1080@60Hz) • 1* eDP (Max Resolution:4096x2304@30Hz) • 1* LVDS (Max Resolution: 2560x1600@60Hz) • 1* HDMI 2.0b (Max Resolution: 4096x2160@60Hz) • Support three independent Displays |
| Audio | <ul style="list-style-type: none"> • HD audio: REALTEK codec • 3W AMP 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"> • 2* USB 2.0 • 1* VGA • 1* LVDS / Inverter/ Light UP/Down • 1* eDP • 2* COM (RS232) • 1* Audio Header • 1* Speaker(3W) • 1* SATAIII /SATA Power • 2* Mixture Header(2* UART, 1* GPIO (8 bit), 3* USB2.0, 1* LPC, 1* PCI-Ex1) • 1* Chassis intrusion • 1* DC Header(DC 12-24V) • 1* SMBUS • 1* AT model • Optional onboard TPM2.0 |
| External I/O | <ul style="list-style-type: none"> • 2* USB3.2 (Gen2) • 2* USB3.2 (Gen1) • 1* HDMI • 2* RJ45 • 2* COM(RS232/422/485) |
| 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 | <ul style="list-style-type: none"> • Windows 10, Windows 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 |
|-------------|-----------------|
| | LE30 Series M/B |



