

### LP-17C



### Features

- Support Intel® Atom™ Processor X Series(Amston Lake)
- 1 x DDR5 SO-DIMM up to 4800 MHz 32GB
- Integrated DisplayPort++, HDMI, eDP, Type-C (DP alt.) for display support
- 2 x Intel® 2.5G Gigabit LAN
- 1 x M.2 2280 Key M support Gen3 PCIe x4 for NVMe
- 1 x M.2 2230 Key E
- 2 x USB2.0, 1 x USB3.2 Gen2, 1 x COM, 1 x GPIO,
- DC input 12V±5%
- Industrial Extended Temp

### System

|                   |                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------|
| Processor         | Intel® Atom™ Processor X Series(Amston Lake)<br>FCBGA1264 package                                  |
| Memory            | 1 x DDR5 SO-DIMM up to 4800MHz 32GB,<br>Support Non-ECC, unbuffered memory                         |
| Watchdog Timer    | Generates a system reset with internal timer for<br>1 min/s ~ 255 min/s                            |
| Real Time Clock   | Chipset integrated RTC with lithium battery                                                        |
| Expansion         | 1 x M.2 (Key E 2230) for Wi-Fi and Bluetooth<br>1 x M.2 (Key M 2280) support Gen3 PCIe x4 for NVMe |
| Graphics          |                                                                                                    |
| Processor         | Intel® UHD Graphics                                                                                |
| Display Interface | 1 x eDP, 1 x DisplayPort ++,<br>1 x HDMI, 1 x Type-C (DP Alt. Mode)                                |
| LAN               |                                                                                                    |
| Chip              | 2 x Intel® I226 Gigabit LAN (up to 2.5GbE)                                                         |

### I/O

|              |                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------|
| Audio        | Realtek ALC888S HD Audio                                                                            |
|              | 2 x USB2.0, 1 x SMBus<br>1 x RS232/422/485,                                                         |
| Internal I/O | 1 x eDP (Note1), 1 x DC_OUT,<br>1 x GPIO, 1 x Speaker_Out with Amplifier (Note2)<br>1 x SATA(Note3) |
| Rear I/O     | 1 x DisplayPort ++, 1 x HDMI,<br>1 x Type-C (DP Alt. Mode),<br>1 x USB3.2 Gen2, 2 x LAN             |

### Mechanical & Environmental

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Power Requirement | DC input 12V±5%                                                                      |
| Size              | 100 mm x 72mm (L x W)                                                                |
| Temperature       | Operating within -40°C~85°C (-40°F~185°F)<br>Storage within -40°C~85°C (-40°F~185°F) |
| Relative Humidity | 10%~90%, non-condensing                                                              |

### Ordering Code

|           |                                                                                              |
|-----------|----------------------------------------------------------------------------------------------|
| LP-17CX4: | With Atom™ x7433RE + Heat Spreader, support HDMI, eDP, DP++, Type-C (DP Alt. Mode), 2.5G LAN |
| OEM       |                                                                                              |
| LP-17CX8: | With Atom™ x7835RE + Cooler fan, support HDMI, eDP, DP++, Type-C (DP Alt. Mode), 2.5G LAN    |
| LP-17CX2: | With Atom™ x7213RE + Heat Spreader, support HDMI, eDP, DP++, Type-C (DP Alt. Mode), 2.5G LAN |
| LP-17CX1: | With Atom™ x7211RE + Heat Spreader, support HDMI, eDP, DP++, Type-C (DP Alt. Mode), 2.5G LAN |

Note1: Add ADP-3460 supports LVDS for eDP connector.

Note2: Speaker\_Out Amplifier with 3Watt for 4ohm speaker.

Note3: SATA port for OEM