

# LEC-7233

Economical Box PC with Rich I/O and Intel® Bay Trail Celeron® N2807 CPU



## ■ Features

- Intel® Celeron® N2807 CPU
- Intel® HD Graphics
- 3x GbE Ethernet Ports, 1x USB3.0 and 2x USB2.0 Ports
- 1x HDMI with 1920 x 1080 Resolution
- 1x mSATA, 2x RS-232/485 Serial Ports, 4x DI and 4x DO
- 1x Full-sized Mini-PCle Slot with SIM Slot for 3G/LTE Communication
- 1x Half-sized Mini-PCle Slot for Wireless Communication

## ■ Specifications

### Processor System

|             |                            |
|-------------|----------------------------|
| CPU         | Intel® Celeron® N2807      |
| Frequency   | 1.58GHz                    |
| Core Number | 2C                         |
| BIOS        | AMI SPI Flash BIOS, 64Mbit |

### Fanless

Yes

### Memory

|               |                   |
|---------------|-------------------|
| Technology    | DDR3L 1333MHz     |
| Max. Capacity | 4 GB              |
| Socket        | 1x 204-pin SODIMM |

### Graphic

|            |                       |
|------------|-----------------------|
| Controller | Intel® HD Graphics    |
| HDMI       | 1x HDMI (1920 x 1080) |

### Ethernet

|            |                  |
|------------|------------------|
| Controller | Intel® i211      |
| Speed      | 10/100/1000 Mbps |
| Interface  | 3x GbE RJ45      |

### Storage

|              |                 |
|--------------|-----------------|
| Type         | SATA            |
| Installation | 1x mSATA Socket |

### I/O

|                       |                                      |
|-----------------------|--------------------------------------|
| Serial Port           | 2x RS-232/485, D-Sub9 Male           |
| Digital I/O           | 4x DI & 4x DO                        |
| USB                   | 2x USB 2.0 Type A, 1x USB 3.0 Type A |
| Power-On/Reset Button | 1x Power On/Off, 1x Reset            |
| LED                   | Power, Storage Access, 3G Status     |
| Antenna Hole          | 2x SMA Antenna Holes                 |

### Expansion Interface

|           |                                                                   |
|-----------|-------------------------------------------------------------------|
| Mini-PCle | 1x Full-sized Socket with SIM Card Reader<br>1x Half-sized Socket |
|-----------|-------------------------------------------------------------------|

### Watchdog Timer

Watchdog Timer 1~255 Level Time Interval System Reset, Software Programmable

### Power

|            |     |
|------------|-----|
| Power Type | ATX |
|------------|-----|

|                               |                                                   |
|-------------------------------|---------------------------------------------------|
| Power Supply Voltage          | 12VDC                                             |
| Connector                     | DC Jack with Lock                                 |
| Power Consumption (Idle)      | 7W (TBC)                                          |
| Power Consumption (Full Load) | 11W (TBC)                                         |
| Power Adaptor                 | AC to DC, AC 90 to 240 Vac Input, DC 12VDC/3A 36W |

### Environment

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Operating Temperature | 0°C~50°C                                               |
| Storage Temperature   | -20°C~70°C                                             |
| Relative Humidity     | 5%~95% (Non-condensing)                                |
| Vibration             | IEC 60068-2-64, 0.5Grms, Random 5~500 Hz, 40 Mins/Axis |

### Mechanical

|                       |                     |
|-----------------------|---------------------|
| Dimension (W x H x D) | 164.5 x 30 x 143 mm |
| Construction          | SGCC                |
| Weight                | 0.9 kg              |
| Mounting              | VESA, Wallmount     |

### Driver Support

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Microsoft Windows | WES7E, Win7 Pro FES, WE 8.1 Industry Pro, Win 10 IoT |
| Linux             | Kernal 3.12                                          |

### Certification

|        |                |
|--------|----------------|
| EMC    | CE/FCC Class A |
| Safety | -              |

## ■ Product I/O View



**A** USB 3.0

**B** USB 2.0

**C** LAN

**D** LEDs

**E** Power On/Off

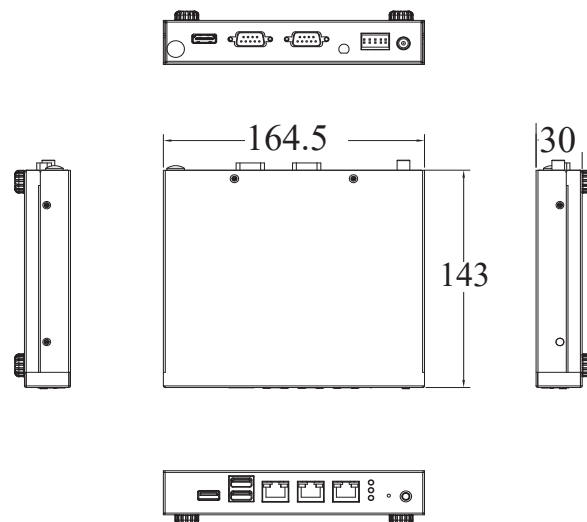
**F** DC-IN

**G** DIO

**H** COM

**I** HDMI

## ■ Dimensions (W x H x D) 164.5 x 30 x 143 mm (6.0" x 1.2" x 5.6")



## ■ Ordering Information

**LEC-7233-C11A** Fanless Industrial PC with Intel® Celeron® N2807CPU

## ■ Standard Accessories

**OP0W000008000** 36W 12V 3A Power Adapter

## ■ Optional Accessories

**OTAW02U202Z01** u-blox ZU202, 3.75G and Quad-band GSM/GPRS/EDGE/UMTS/HSPA/WCDMA Networks

**OTAW000022000** WPEA-251N(BT), Dual Band 802.11b/g/n Half Mini Card, Atheros AR9462, 2T2R, up to 300Mbps Data Rate

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# Lanner

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