

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 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 2.0	2x Type A
USB 3.0	1x 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 and 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

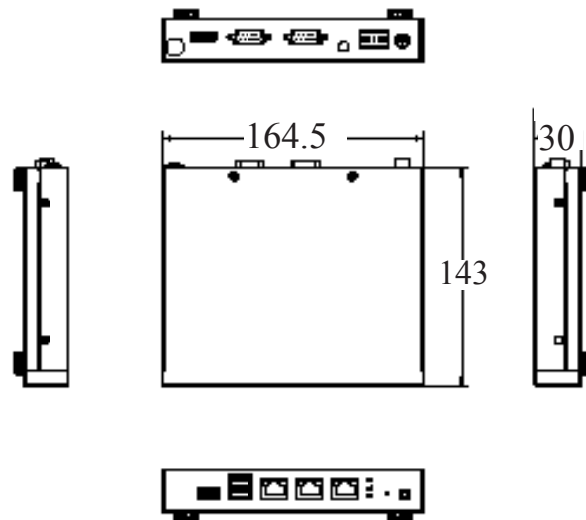
F DC-IN

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

0P0W000008000 36W 12V 3A Power Adapter

■ Optional Accessories

0TAW0ZU202Z01 u-blox ZU202, 3.75G and Quad-band GSM/GPRS/EDGE/UMTS/HSPA/WCDMA Networks

0TAW000022000 WPEA-251N(BT), Dual Band 802.11b/g/n Half Mini Card, Atheros AR9462, 2T2R, up to 300Mbps Data Rate

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