

Economical Box PC

SFF MES Thin Client Gateway
with Intel Celeron N2807 SoC and Rich I/O

Model: LPC3337



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

PRODUCT I/O VIEW



A USB 3.0

B USB 2.0

C LAN

D LEDs

E Power On/Off

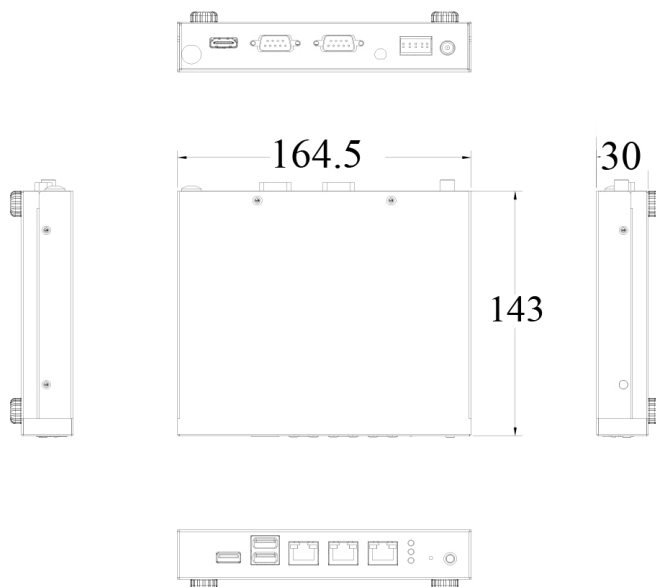
F DC-IN

G DIO

H COM

I HDMI

MECHANICAL DRAWING



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

SPECIFICATIONS

Processor System	
CPU	Intel Celeron N2807
Frequency	1.58GHz
Core Number Sockets	2C
BIOS	AMI SPI Flash BIOS, 64Mbit
Fanless	Yes
Memory	
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-PCIe	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 60068-3-64, 0.5Grms, Random 5~500 Hz, 40 Mins/Axi
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	