

Embedded Box PC
 Fanless Box PC with Intel Intel Celeron J1900/N2930
 8GB DDR3 RAM, 128GB SSD, Win10 Pro 64, Power adapter, Power
 cable, 1 Port PCI Parallel Adapter Card

Model: LPC1240-HP02



FEATURES

- Intel Celeron J1900/N2930
- 4 USB 2.0 Ports
- 1 PCI/PCIe Expansion Slot
- Fanless Design
- Integrated SIM Card Reader
- 2 GbE Ethernet Ports
- Dual Display Support
- 2 Serial COM Ports
- 9 to 30 VDC Power Input
- 1 USB 3.0 Port

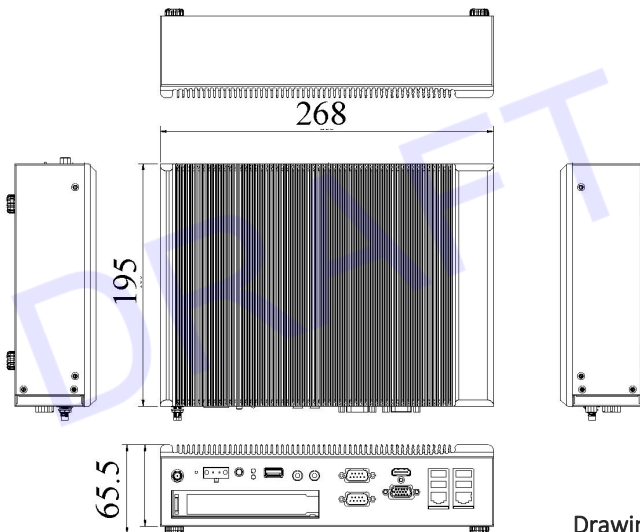
PRODUCT I/O VIEW



- | | | |
|----------------------|-------------------|----------------------|
| A Power Input | E PCI/PCIe | I USB 2.0 x 4 |
| B On/Off | F COM x 2 | J LAN x 2 |
| C USB 3.0 | G HDMI | |
| D Audio Jack | H VGA | |

MECHANICAL DRAWING

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: LPC1240-HP02-09212022-V1

SPECIFICATIONS

PROCESSOR SYSTEM	
CPU	Intel Celeron J1900, N2930
Frequency	2 GHz (J1900), 1.83 GHz (N2930)
Core Number	4C
BIOS	AMI SPI Flash BIOS
Chipset	-
FANLESS	
	Yes
MEMORY	
Technology	DDR3L, 1333 MHz
Max. Capacity	8GB
Socket	1 x 204-pin SODIMM
GRAPHIC	
Controller	Intel HD Graphics
VGA	1 xVGA, 1600 x 1200
DVI	None
HDMI	1 xHDMI, 1920 x 1080
AUDIO	
Codec	Realtek ALC886
Interface	2 x Phone Jack for MIC-in and Line-out
ETHERNET	
Controller	Intel i210
Speed	10/100/1000 Mbps
Interface	2 x RJ45
STORAGE	
Type	SATA II
Installation	1 x mSATA Socket
Type	SATA II
Installation	1 x2.5" HDD/SSD drive bay
I/O	
Serial Port	2 x RS-232/422/485, DB9 male
Digital I/O	None
USB 2.0	4 x type A
USB 3.0	1 x type A

Power-On/Reset Button	1 x power on/off, and 1 x reset
Remote	-
LED	2 x LEDs, yellow for storage access, and green for 3G status
Antenna Hole	1 x SMA antenna hole
EXPANSION INTERFACE	
Mini-PC Ie	1 x full-sized socket with SIM card reader
PCI	1 (default)
PCI Express x1	1 (included in the package)
PCI Express x4	None
WATCHDOG TIMER	
Watchdog timer 256 level time interval system reset, software programmable	
POWER	
Power Type	ATX
Power Supply Voltage	+9 ~ 30 VDC
Connector	Phoenix 2-pin connector with lock (5.00 mm)
Power Consumption (Idle)	11.4W
Power Consumption (Full Load)	17.5 W
Power Adaptor	AC to DC, AC 90 to 240 VAC Input, DC 24VDC/2.5A60W
ENVIRONMENT	
Operating Temperature	0°C ~ 55°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 (Wx Hx D)	268 x 65.5 x 195 mm
Construction	Aluminum + SGCC
Weight	2.7Kg
Mounting	Wall mount
DRIVER SUPPORT	
Microsoft Windows	WES 7 E, Win 7 Pro FES WE 8.1 Industry Pro
Linux	Kernal3.12
CERTIFICATION	

**Specifications subject to change without notice, not responsible for typographical errors.*

STANDARD ACCESSORIES

- Power and SATA Cable 20cm
- Metal Black Wall Mount -4

