



## Intel® Celeron N2807 SoC with 2 x RS485/2 x GbE Palm-Size Fanless Box PC

### Features:

- Intel Celeron N2807 Dual Core 1.58 GHz CPU
- DIN-Rail system with essential I/O ports on front-side
- Onboard 2GB DDR3L memory
- 2 x GbE, 3 x USB 2.0
- 2 x RS485 (4pin Phoenix terminal)
- wifi and 4G supported
- Linux Alpine 3.6.2. supported
- DC-IN 12V (2pin Phoenix terminal)



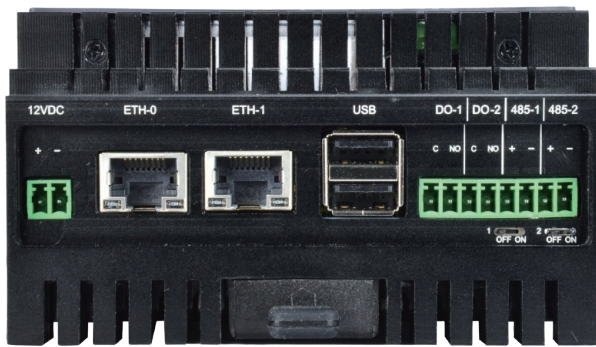
### Specifications:

System	
CPU	Intel Celeron N2807 Dual Core CPU
Frequency	1.58GHz
L2 Cache	1MB
Graphics	Intel HD Graphics
Memory	Onboard 2GB DDR3L 1066MHz
Storage	1 x MSATA
OS	Linux: Alpine 3.6.2 Supported Microsoft Windows: Windows 7/8/10 supported
Network	
LAN	2 x GbE (Intel I211, support Wake-on-LAN)
I/O Interfaces	
USB	3 x USB 2.0
COM	2 x RS485 (in 4pin Phoenix interface)
VGA	1 x Onboard VGA Socket
Expansion	
M.2	1 x M.2 for Wifi (key A), 1 x M.2 for 4G (key B)
SIM	1 x SIM slot for 4G module
Function	
Watch Dog Timer	Support
LED & Buttons	
LED	1 x LED for power status 3 x LED for GPIO electrical level status 2 x LED for 2 x RS485 function status
Buttons	Button Key 1: Reset/Power Button Key 2: Turn on/off Wifi function
Mechanical & Environment	
Case Material	Aluminum
Mounting	DIN Rail
Dimension	108 x 90 x 61.5mm
Weight	800g
Operating Temp.	-10°C ~ +40°C
Storage Temp.	-30°C ~ +70°C
Relative Humidity	95% @ 40°C (non-condensing)
Regulation	
Industrial Grade EMI Immunity	ESD: Machine 8K/15K RS232/RJ45: IEC61000-4-4/5 line to line 4KV, line to GND 10KV DC-IN Surge: IEC61000-4-4/5 2KV
Power Supply	
Power Input	12V DC-IN (in 2pin Phoenix interface)
Certification	
Certificates	FCC/CE

Dimension:



Port View:



LED Indicator Panel:



ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9-year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

