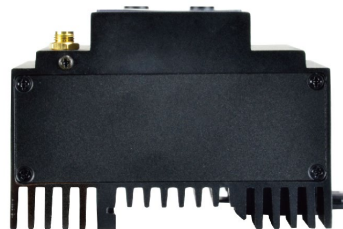




Intel Celeron N2807 SoC with 2 RS485 / 2 GbE Palm-Size Fanless Box PC

Features:

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



Specification:

Processor System	CPU	Intel Celeron N2807 Dual Core CPU
	Frequency	1.33 GHz
	L2 Cache	1 MB
	Memory	Onboard 2GB DDR3L 1066MHz RAM
Graphics	Chipset	Intel® HD Graphics for Intel Atom® Processor Z3700 Series
	VGA	Onboard 1 VGA socket
Ethernet	LAN	2 x GbE(Intel I211 , support Wake on LAN)
I/O Interface	USB	3 x USB 2.0
	COM	2 x RS485 (in 4pin Phoenix interface)
Other	Watchdog timer	Supported
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
Storage	MSATA	1 x MSATA for storage
Power Supply	Power Supply	12V DC-IN (in 2pin Phoenix interface)
Operation System	Linux	Alpine 3.6.2 Supported
	Microsoft Windows	Windows 7, Windows 8 and Windows 10 supported
Mechanical	Case Material	Aluminum
	Mounting	DIN Rail
	Dimensions	108 x 90 x 61.5 mm
	Weight	800g
Environment	Operating Temperature	-10°C ~ +40°C
	Storage Temperature	-30°C ~ +70°C
	Relative Humidity	95% @ 40° C (non-condensing)
LED	6 x LED indicators	1 x LED for power status
		3 x LED for GPIO electrical level status
		2 x LED for 2 RS485 function status
Buttons	Buttons	Button Key 1: Reset/Power
		Button Key 2: Active or close wifi function
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
		FCC/CE

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9 years' 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, Allwinners 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.

