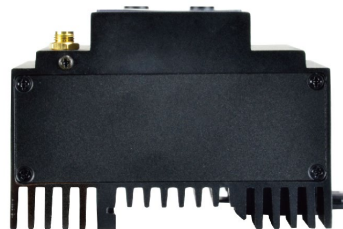**POLYHEX**

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