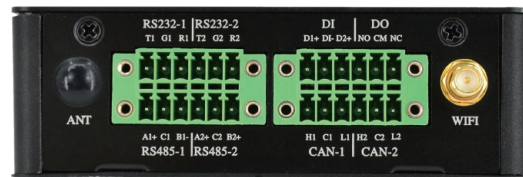




IoT Gateway Box PC Based on NXP i.MX 6ULL/ 6UltraLite CPU



Specification:



System	
CPU	NXP i.MX 6ULL(default) Support NXP i.MX 6UltraLite
Memory	512MB DDR3 (default)
Storage	8GB eMMC (default)
Operating System	Buildroot 2019.02.4, Yocto 2.5.2
Communication	
LAN	2 x 10M/100Mbps
4G	1 x 4G (optional)
WIFI	1 x WIFI (default)
Bluetooth	1 x BLE BT5.0 (default)
I/O Interfaces	
USB	1 x USB2.0 Host(default), USB OTG available via software configuration
SIM	1 x Micro SIM
RS485	2 x Physically-isolated RS485
RS232	2 x Physically-isolated RS232
CAN	2 x Physically-isolated CAN
LED	1 x Power LED, 2 x GPIO LED (functions can be customized)
Reset	1 x Reset
SMA RF	1 x WIFI antenna, 1 x 4G/Lora/UWB antenna (optional)
LoRa	1 x LoRa (optional)
UWB	1 x UWB (optional)
Power Supply	
DC-IN	1 x DC socket, 1 x 2Pin 3.81mm Phoenix, support 12V~24V wide voltage input
Mechanical	
Dimension	107mm x 107mm x 35mm
Material	Aluminum alloy

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.

