



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



Specification:

System	
CPU	NXP i.MX 6UltraLite MCIMX6G2CVM05AB (default) Support NXP i.MX6UL, i.MX6ULL
Memory	256MB DDR3 (default), 128MB/512MB/1GB optional
Storage	4GB eMMC (default), 8GB/16GB/32GB/64GB optional
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 (optional)
Bluetooth	1 x BLE BT5.0 (optional)
I/O Interfaces	
USB	1 x USB2.0 Host (default), USB OTG available via software configuration
TF	1 x TF
RS485	2 x RS485
RS232	2 x RS232
CAN	2 x CAN
LED	1 x Power LED, 2 x GPIO LED (functions can be customized)
Reset	1 x Reset
SMA RF	2 x SMA RF ANT, 4G/WIFI/BT/Lora/UWB (choose two from five)
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	107 x 107 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.

