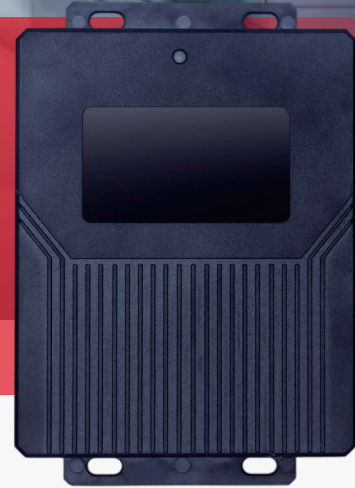




H6212

4G Lightweight Gateway



Overview

H6212 4G Lightweight Gateway adopts a Cortex-A7 architecture quad-core 1.3GHz processor, integrated with Mali-400MP2 GPU. It has excellent computing and graphics processing capabilities with onboard 2-way USB and 1-way OTG. It is mainly used in lightweight AI or customer-customized development scenarios and supports HDMI output display simultaneously.

Highlights



**Cortex-A7 architecture quad-core
1.3GHz processor**



Support LTE Cat.1 network

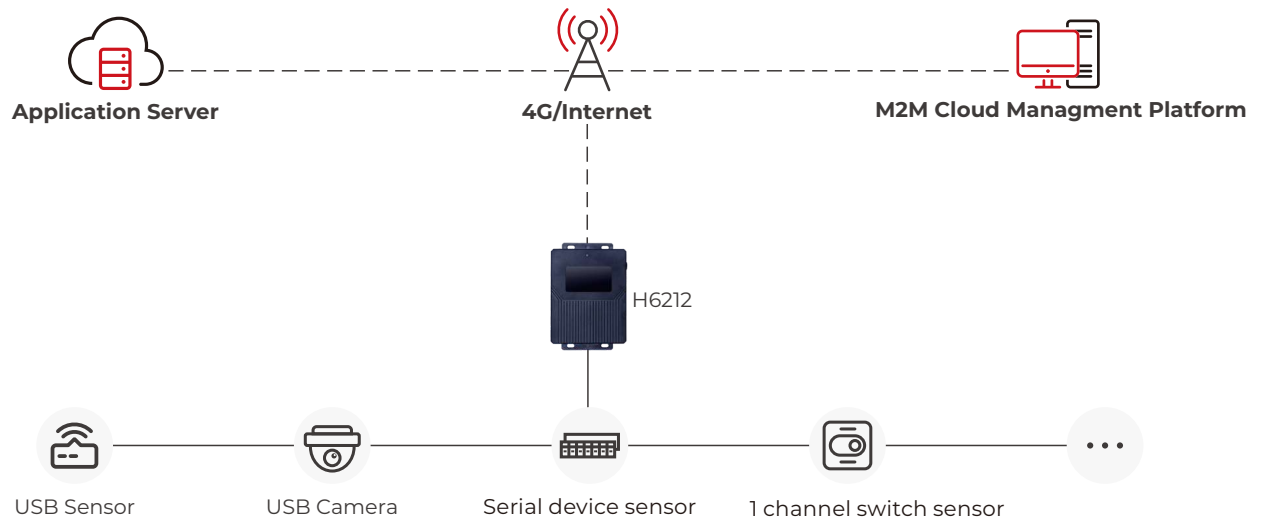


**Support Docker deployment &
cloud management**



**Compact size and support
HDMI display**

Topology diagram



Merchandise display



Advertising display



Traffic statistics

Features



Support Docker Deployment



Support HDMI display



Diversified interfaces for AI & IoT applications



Support Hongdian Wedora RMS for cloud based management

Specification

Hardware			
CPU	Quad-core ARM Cortex-A7, 1.3GHz	RAM	256MB
Cellular Interface			
Modem	1 × LTE Cat1	Number of Antennas	1
SIM	1 × Mini SIM(2FF)		
Peripheral Interface			
Type	1 × RS-232 (RS-485 optional), 4 pin Wafer interface		
Socket Form	Wafer interface	GPIO	GPIO × 1
Signal Definition	RX, TX, GND (RS-232) , A+, B-, GND (RS-485)		
USB	1 × USB 2.0 OTG, 5pin Wafer pot, 2 × USB 2.0 Host, Double USB-A socket		
Software			
Network Protocols	PPP, TCP, UDP, IPv4, SSL, DHCP, ICMP, NAT, HTTP, HTTPS, DNS, ARP, SMTP, Telnet, SSH, DDNS, etc.		
Firewall	NAT, PAT, DMZ	Serial Ports Function	Transparent, Modbus RTU, etc
Remote Management	Telnet, SSH, Hongdian Wedora Cloud Platform		
Power Supply and Consumption			
Connector	2 pin wafer	Voltage Input	+12V DC
Power Consumption	Idle: 120mA@12V DC, Data transceiving: 300mA@12V DC		
Others			
Reset Button	Yes	Hardware Watchdog	Yes
LED Indicators	1 indicators for SYS		
Physical Characteristics			
Ingress Protection	IP30	Housing & Weight	Metal, 180g
Dimension	126×84.7×14.7(mm)	Installations	Desktop, wall mounting
Operating Temperature	-30 ~ +70 °C	Storage Temperature	-40 ~ +85 °C
Relative Humidity	0% ~ 95% (no condensing)		

Appearance

