

# HYTTHDRM200 4G LTE Router

(V 1.01)

- 3G/4G LTE data transmission;
- Active auto connect;
- Embedded watchdog , Auto recovery;
- 2\*2 4G/WIFI MIMO antenna;
- Integrate 3G/4G LTE,WIFI,GPS feature;
- One WAN, Five LAN(1LAN/1 Gbit LAN & 4 LAN/100Mbps) ports, Support VLAN,LAN Ethernet port.
- One console port, One USB port,RS232 or RS485 Interface,4 line GPIOs;
- SD data storage (Optional);
- With dual SIM card slot;
- Remote management platform;
- Supports wifi 802.11AC, 1.2Gbit
- Supports 50 WiFi users sharing
- Firmware version: **Linux** or **Openwrt**;



# Application scenarios



# Product Specification

Item	Product specification
CPU	MTK7620A+7612E+85735
MEMORY	FLASH 16MByte, DDR2 64MByte
Embedded system	Linux or Openwrt
Network	FDD LTE,TDD LTE,WCDMA,EVDO,GPRS,GSM,CDMA 1X
WIFI	WIFI 802.11 AC, 1Gbitbps
Data rate	4g: CAT 6 DL 300Mbps , UL 50Mbps ( or CAT 3, DL 100bps , UL 50Mbps, CAT 4 DL 150Mbps , UL 50Mbps) WCDMA HSPA+: DL 42Mbps, UL 5.76Mbps GPRS DL/UL 85.6Kbps
WIFI Tx Power	14 dBm (11g) , 17 dBm (11b) , 14dBm (11n)
WIFI Rx Sensitivity	<-70 dBm@54Mbps
2G/3G/4G Transmitting Power	<b>GSM/GPRS:</b> Class 4 (2W): GSM850、EGSM900 Class 1 (1W): DCS1800、PCS1900 <b>EDGE:</b> Class E2 (0.5W): GSM850、EGSM900 Class E1 (0.4W): DCS1800、PCS1900 <b>UMTS:</b> Class 3 (0.25W): WCDMA Class 3 (0.25W): CDMA2000 Class 2 (0.25W): TD-SCDMA <b>LTE:</b> Class 3 (0.25W)
GPS	GPS/GLONASS,Protocol: NMEA
WIFI Frequency	2.4G/5.8G dual frequency bands

# Product Specification

Item	Product specification
2G/3G/4G Frequency bands	<p><b>Version C</b> LTE-FDD. B1,3,7,8 LTE-TDD.B38,39,40,41 WCDMA.900/2100MHz TDSCDMA. band A and band B GSM.900/1800MHz</p> <p><b>Version CE.</b> LTE-FDD. B1,B3,B8 LTE-TDD.B38,B39,B40,B41 WCDMA.900/2100MHz CDMA 1X/EVDO BC0 TDSCDMA. B34,B39 GSM.900/1800MHz</p> <p><b>Version E.</b> LTE-FDD. B1,3,7,8,20 LTE-TDD.B38,40 WCDMA.900/2100MHz GSM.900/1800MHz</p> <p><b>Version A.</b> LTE-FDD. B2,4,5,17 WCDMA.850/1900MHz</p> <p><b>Version SA.</b> LTE-FDD. B1/B3/B4/B5/B7/B8/B28 LTE-TDD B38/B40/B41 UMTS/HSDPA/HSPA+ B1/B2/B5/B8 GSM/GPRS/EDGE B2/B3/B5/B8</p> <p><b>Version JC</b> LTE FDD. B1,B3,B8,B18,B19 LTE TDD. B41 UMTS. B1,B6,B8 GSM. 900/1800MHz</p> <p><b>Version JE</b> LTE FDD. B1,B8 UMTS. B1,B8 GSM. 900/1800MHz</p>

# Product Specification

Item	Product specification
<b>2G/3G/4G Frequency bands</b>	<p><b>Cat6 Version</b></p> <p><b>Version E</b></p> <p>LTE-FDD.B1/B3/B5/B7/B8/B20/B28/B32 LTE-TDD.B38/ B40 /B41 WCDMA.B1/B3/B5/B8 2×CA: B1+B1/B5/B8/B20/B28; B3+B3/B5/B7/B8/B20/B28; B7+B5/B7/B8/B20/B28; B20+B32 B38+B38; B40+B40; B41+B41</p> <p><b>Version A.</b></p> <p>LTE-FDD. B2/B4/B5/B7/B12/B13/B25/B26/B29/B30/B66 LTE-TDD. B41 WCDMA.B2/B4/B5 2×CA: B2+B2/B5/B12/B13/B26/B29; B4+B4/B5/B12/B13/B26/B29; B25+B5/B12/B13/B25/B26/B29; B30+B5/B12/b17/B26/B29; B41+B41</p> <p><b>Version LA.</b></p> <p>LTE-FDD. B2/B3/B4/B5/B7/B8/B20/B28 WCDMA.B2/B3/B4/B5/B8 2×CA: B2+B2/B5/B7/B8/B20/B28; B3+B3/B5/B8/B20/B28; B4+B4/B5/B8/B20/B28; B7+B5/B7/B8/B20/B28; B8+B2/B3/B4/B7/B8 B28+B2/B3/B4/B7 B20+ B2/B3/B4/B7/B20</p>

# Product Specification

<b>Item</b>	<b>Product specification</b>
<b>Hardware interface</b>	1*WAN, 1* LAN 1Gbps, 4*LAN 10/100Mbps
<b>Storage memory</b>	Support SD data storage
<b>RF</b>	High gain WIFI, 4G LTE, GPS antenna
<b>Security Encryption</b>	Support WEP、WPA、WPA2 encryption ways
<b>Protocol</b>	PPTP,L2TP,IPSEC VPN,TCP,UDP, DHCP,HTTP,DDNS,TR-069,GRE, HTTPS, SSH,Open VPN,SNMP
<b>Advertising push</b>	Support portal protocol, User login interface jump
<b>Data traffic management</b>	Support Traffic monitoring and bandwidth limitation
<b>LED Indicator</b>	“SYS”, “Net”, “WAN”, “LAN”,RSSI
<b>SIM/UIM</b>	Standard draw card interface, support 1.8V/3V SIM/UIM card, built-in ESD protection
<b>Key button</b>	Reset, WPS
<b>Standard Power</b>	DC input: DC 12V/1A
<b>Power Supply</b>	DC input: DC 5~48V
<b>Working current</b>	2A (Max Current)
<b>Temperature</b>	Operating Temperature -40~+80°C Storage Temperature -45~+85°C
<b>Environment humidty</b>	95%
<b>Case</b>	Black steel case
<b>Size</b>	155mm*105mm*25mm
<b>Weight</b>	225g