

# N300 Wi-Fi GPON/EPON ONT ROUTER



**Features:**

- Ideal solution for FTTH solution
- Downstream 2.5Gbps and Upstream rate is up to 1.25Gbps and transmission distance is up to 20Km.
- 2.4G Wi-Fi, 300Mbps wireless speed
- 2 \* 5 dBi high gain antennas
- 1 \* 100/1000Mbps LAN port is provided to ensure ultra-high speed data transmission
- Extensive compatibility with lots of OLT brands worldwide.
- Supports both IPV6 and IPV4/IPV6 dual stacks

**SPECIFICATION**

**S-XPON-1000-WDONT-R**

EPON/GPON Interface	SC/UPC single mode single fiber GPON : FSAN G.984.2 standard, Class B+ EPON : 1000BASE-PX20+ symmetric GPON : 2.5Gbps/1.25Gbps downstream/upstream EPON : 1.25Gbps downstream/upstream Wavelength: Transmit: 1310nm Receiver: 1490nm Receiving sensitivity : GPON : -28dBm, EPON: -27dBm Saturated power : GPON : -8dBm, EPON: -3dBm Transmitting power : GPON : 0.5 ~ 5dBm, EPON: 0 ~ 4dBm
Ethernet Interface	1*10/100/1000M auto-negotiation Full/half duplex mode, RJ45 connector Auto MDI/MDI-X, 100m distance
Power Interface	12V DC Power supply
Management Mode	OMCI, OAM, TR069, WEB, Telnet
Management Function	Status monitor, Configuration management, Alarm management, Log management
Power	<4W, 12V/0.5A power supply adapter
Product Dimension	228mm(L) x108mm(W) x 28mm (H)
Product Weight	Net Weight: about 136g
Environmental Specifications	Operating temperature: 0 to 40°C Operating humidity: 10% to 90%(Non-condensing)
Operating Mode	Router or bridge
Technical standard	IEEE802.11b/g/n
Frequency	2.412 ~ 2.472 GHz
Antenna gain	5dBi
Support rate	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 24, 36, 48, 54Mbps 802.11n: max rate 300Mbps
Channel	2.4GHz Channel : 1,2,3,4,5,6,7,8,9,10,11,12,13
Encryption mode	AES, TKIP, WPA, WPA2, WPA-PSK/WPA2-PSK
Modulation Mode	11b: DSSS: DBPSK(1Mbps), DQPSK(2Mbps), CCK(5.5/11Mbps), 11g: OFDM:BPSK(6/9Mbps), QPSK(12/18Mbps),16QAM(24/36Mbps) Q64QAM(48/54Mbps) 11n: MIMO-OFDM:BPSK,QPSK,16QAM,64QAM
Receive sensitivity	11Mbps:≤-90dBm 54 Mbps:≤-76dBm HT20 MCS7:≤-73dBm HT40 MCS7:≤-70dBm
Transmit power	802.11n: 17dBm

