



KT's GPON ONU GPNC02C is mainly designed for broadband application, it supports 1GE+1FE+WIFI antenna + Optical Receiver + WDM all with deliver a complete broadband solution and importantly compatible with all platform OLT, GPNC02C is comply with ITU-T and IEEE recommended standards.

- Supports downstream 2.5Gbps upstream 1.25Gbps PON transmission rates.
- Support QoS, SLA, DBA
- 1 core solution, In build WDM
- Support RF Management, turn on/off the RF output
- Support port isolation
- Supports Ethernet loop detection
- Support VLAN

TECHNICAL PARAMETERS

| | | |
|--------------------|-----------------------------------|--|
| Chipset | Broadcom | |
| GPON Interface | Physical Interface | SC/APC Class B+ |
| Ethernet Interface | QTY | *RJ45 |
| | Interface Data Rate | 1x10/100/1000M auto - negotiation 1x100M auto - negotiation |
| Optical Receiver | Optical Input Range | 18 ~ 0 dBm, AGC - 3 ~ 13 dBm |
| | RF Output Power | 72 dBuV |
| Wireless Interface | Protocol | IEEE802.11b/g/n, 150Mbps, Dual Antenna: 7dBi |
| | Operating Mode | Router & Bridge |
| Management | Web GUI, SNMP, TR069 | |
| Standards | ITU T G.984, ITU - T G.988 | |
| Network Capability | Supported VLAN TAG/UNTAG 802.1Q | |
| | Port based VLAN, IEEE 802.1Q VLAN | |
| Dimension | 140x91x29mm | |
| Power Consumption | <7W | |
| Power Supply | External 12V, 0.7A | |