

ONU XPON 4GE+WIFI6(AX3000)

GP6166

KingTYPE



Product Specifications

| Item | Descriptions |
|------------------------|--|
| External Interfaces | Wi-Fi: IEEE 802.11a/b/g/n/ac/ax standards Supported 2.4GHz/5GHz dual-band 2x2 MU-MIMO Radio with two spatial streams, data rate up to 3000Mbps Antenna : external single band antenna(2.4G x 2 : 5G x 2) |
| | WAN PON Ports : GPON SC/APC |
| | LAN Ethernet Ports : 4x 10/100/1000Mbps 8P8C RJ45 Ports |
| | Other Ports: 1 x USB2.0 |
| Memory | NAND Flash : 128MB; DDR3(Embedded): 256MB |
| Connectors and Buttons | 9x (G) LED activity indicators 1x (R) LED activity indicators 1x WPS Button 1x Factory Reset Button |
| Power Supply | 12V DC Power Jack |
| Housing Material | HIPS |
| Dimensions | 170mm*118mm*36mm |
| Environmental | Operating Temperature: 0 ~ 45 degree C |

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Solutions (Key Components)

| Item | Descriptions |
|-------------------|---|
| CPU with GPON MAC | RTL9607F-VC6-CG (Dual-Core ARM Cortex-A55 at 1.0 GHz) |
| 2.4GHz RF IC | RTL8192XBR (2x2 802.11 ax/b/g/n MU-MIMO with 573.5Mbps) |
| 5GHz RF IC | RTL8832CR (2x2 802.11ax/ac/a/n MU-MIMO with 2402Mbps) |
| Ethernet IC | Internal PHY 4xGigE |
| Bosa driver | UX3320 |
| Memory | NAND Flash : 128MB |
| | DDR3 : 256MB(Embedded) |
| 5GHz PA/FEM | BAT |
| Antenna | 2.4GHz single band: 5dBi gain antenna |
| | 5GHz single band: 5dBi gain antenna |
| Power adapter | 12V/1A (target) |
| PCB | Main Board : 139mm x 92mm (2layers) |

