

ZTE ZXHN F660

POWERFUL GPON GATEWAY FOR TRIPLE-PLAY SERVICES



The F660 is a high-end home gateway in ZTE FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users.

The F660 provides two POTS ports, four GE/FE auto-adapting Ethernet ports, one USB port, and one Wi-Fi port. The F660 features high-performance forwarding capabilities to ensure excellent experience with VoIP, Internet and HD video services.

| GPON COMPLIANCE | FIREWALL/SECURITY |
|--|---|
| ITU-T G.984.x GPON standards | Traffic filtering based on UNI port, VLAN ID, 802.1p, UNI+802.1p or VLAN+802.1p |
| 1.244Gbps burst mode upstream, 2.488Gbps downstream | DOS attack defending |
| Upstream 1310nm, Downstream 1490nm | MAC address filtering |
| Output optical power: Min 0.5dBm, Max +5dBm | BUM(Broadcast, Unicast, Multicast) attack protection |
| Receiver sensitivity: Better than -28dBm | Limit MAC address per UNI port or per ONT |
| WIRELESS | Broadcast packages rate limit |
| Frequency: 2.4 GHz | AES-128 |
| IEEE 802.11b/g/n | Broadcast storm suppression |
| 128 bits WEP data encryption | QOS |
| WPA/WPA2 (Wi-Fi Protected Access) Security | Rate limitation |
| WPS (Wireless Protected Setup) | Classifying upstream traffic into VLANs with various Ethernet priorities |
| WMM(Wi-Fi Multi Media) | Marking Ethernet priority based on DSCP value |
| Max 4 Broadcast/hide SSIDs | Ingress rate limit/ Egress shaping |
| Max 128 users one SSID | MANAGEMENT |
| VOIP | TR-069 remote management |
| SIP/ H.248/ MGCP | Local WEB and telnet management |
| DTMF Dialing / DTMF Digits | Local built-in diagnostic Function |
| 5-REN, balanced ring, 55V RMS | Logs and statistics |
| Codec: G.711 (μ-law and A-law), G.726, G.729, G.723.1 | Loop back function |
| 32 ms echo cancellation | OMCI management |
| VAD/CNG | HARDWARE SPECIFICATIONS |
| IN-BAND method | WAN: One SC/APC port for GPON |
| DTMF encoding by RFC 2833 | LAN: Four RJ-45 ports for Gigabit Ethernet interfaces |
| T.38/T.30 FAX | FXS: Two RJ-11 ports for VoIP |
| Caller ID/ Call Waiting/ Call Forwarding/ Call Transfer/ Call Toggle/ Three Way Calling/ Distinctive Ringing | USB: Two USB 2.0 host interfaces |
| USB | Wi-Fi: 802.11b/g/n(2X2) |
| File sharing | BATTERY: One RJ-45(reverse) port for UPS monitor |
| USB Fast Recovery | Button: - WLAN ON/OFF - WPS - Reset - Power ON/OFF |
| Profile quick backup | LED Status indicators : Power, PON, LOS, ALARM, LAN1, LAN2, LAN3, LAN4, POTS1, POTS2, WLAN, WPS, USB, BATTERY |
| DLNA DMS | ELECTRICAL CHARACTERISTICS |
| USB 2.0, full speed, high speed | Power input: 12 VDC 1.5 A |
| ROUTER | Power consumption: Less than 11W |
| IPv6 / IPv4 Dual Stack | PHYSICAL CHARACTERISTICS |
| NAT/ SNTP | Net weight: 380g |
| ALG | Size: 199 (W) x 150 (D) x 35(H) mm |
| Static routing, and dynamic routing in RIPV1/V2 | ENVIRONMENTAL CHARACTERISTICS |
| PPPoE Client/Pass Through | Operating temperature: -5°C ~ 45°C (23°F ~ 113°F) |
| DNS Client/Server | Humidity: 5% ~ 95% (non-condensing) |
| IGMP v1/ v2/ v3 | |
| IGMP proxy/snooping | |