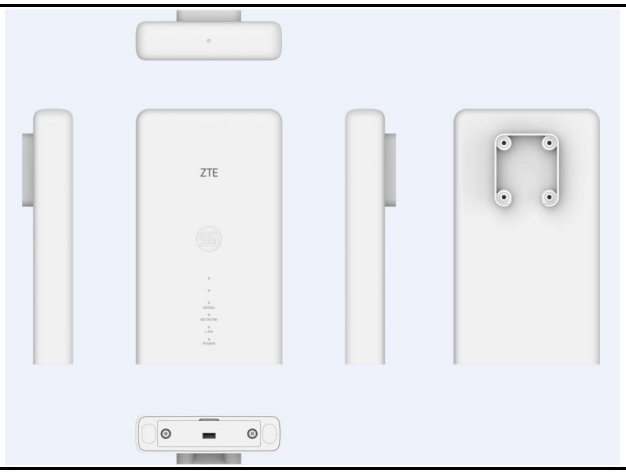
| | Feature | Description |
|---|---|---|
| Artwork | Dimensions | 189.6mm*108.8mm*31.2mm |
| | Weight | about 510g |
| | Picture |  |
| | Form factor | 5G CPE(SA & NSA)<br>This CPE is for outdoor that can be hung on the wall or a pole.<br>This device has a high reliability: Waterproof and dustproof is IP65, lightning protection. Device can trouble-free running long time |
| | User manual | |
| | Quick guide | |
| | Warranty cards | |
| | Installation accessory | Wall mount, Pole |
| | Battery | |
| | AC adapter | 48V POE adapter |
| | Network cable | 1 cable is included in the package |
| | EAN | |
| | TAC | |
| Solution | Wireless chipset supplier | Qualcomm |
| | Routing and WiFi chipset supplier | Qualcomm |
| | Bluetooth | ST |
| Baseband | Wireless chipset model | SDX62 |
| | Wireless processor info | SDX62 Arm Cortex-A7 up to 1.8 GHz |
| | WiFi chipset model | |
| | WiFi processor info | |
| | SLIC | |
| | Bluetooth | ST BLUENRG-132 |
| | USIM/SIM slot | Standard 6PIN SIM card interface<br>3V SIM card and 1.8V SIM card |
| | Memory(SDRAM/NAND) | 4Gb SLC NAND+4Gb LPDDR4X MCP |
| | MICRO SD slot | |
| | USB interface | 1 |
| | RJ45 interface | 1 |
| | RJ11 interface | |

| | | |
|---|---|---|
| | GPS | provide latitude and longitude |
| | WiFi users access | |
| | Maximum power consumption | about 15W |
| | Power indication LED | Single color (Green)<br>Always on(White)----power on<br>Off----powered off |
| | WIFI indication LED | |
| | Network mode indication LED | Red----Turn on but not register<br>Green Solid----Connect or Register to NSA or SA network<br>Green Blink----Connect or Register to 3G or LTE only |
| | WAN signal strength indication LED | 3 LED (Green)<br>The stronger the signal strenght is, the more LED light on |
| | LAN port LED | Single color (Green)<br>Green Solid----The LAN port is connected<br>Off----No network cable connected |
| RF | Chipset | SDX62 |
| | SRS | n41/77/78/79 |
| | Waveform | CP-OFDM for UL&DL<br>DFT-s-OFDM for UL |
| | Sub Carrier | 30KHz, 15KHz for sub6 |
| | Main antenna | Internal antenna |
| | Antenna Gain | 700-960MHz: 1-1.5dBi<br>1400-2700MHz: 1.5-2dBi<br>3300~4200MHz: 4dbi/6.5dbi (Directional antenna can up to 6dbi) |
| | GSM band | Doesn't support 2G |
| | UMTS band | B1/8 |
| | LTE band | B1/3/7/8/20/28/32/38/40/42/43 |
| | LTE CA | Support 2CA, 3CA, 4CA, 5CA on DL<br>Support 2CA on UL |
| | 5G Sub6 Band | N1/3/7/8/20/28/38/40/75/77/78 |
| | NSA 5G + LTE | Yes |
| | NR CA | Yes,just can support 2CA |
| | MIMO for wireless | 5G Sub6: N1/3/7/38/40/75/77/78 supports 4MIMO<br>LTE: B1/3/7/32/38/40/42/43 supports 4MIMO |
| | transmitter power for wireless | 26dBm for n77/n78<br>23dBm for other bands |
| | WiFi band | |
| | MIMO for WiFi | |
| | MU-MIMO | |
| | Max. transmitter power for WiFi | |
| | WCDMA | WCDMA CS: UL 64kbps/DL 64kbps<br>WCDMA PS: UL 384kbps/DL 384kbps<br><br>HSDPA: DL 14.4Mb/s(Category 10)<br>DL 21Mb/s(Category 14)<br>DL 42Mb/s(Category 24)<br>HSUPA:<br>UL 5.76Mb/s(Category 6) |

| | | |
|---|---|---|
| Technical standard | LTE | LTE FDD(DL Category19, UL Category18):<br>DL 1.6Gb/s<br>UL 200Mbps<br><br>LTE TDD<br>DL 1.12Gb/s<br>UL 40Mb/s |
| | NSA 5G Sub + LTE Band | LTE FDD + Sub6G<br>DL 2.716 Gb/s<br>UL 280Mb/s |
| | SA 5G Sub6 | 5G Sub6G -TDD<br>DL 1.716 Gb/s<br>UL 160Mb/s |
| | Bandwidth of Sub6G | 40MHz, 60MHz, 80MHz, 100MHz, 50MHz, 90MHz |
| | Modulation | Sub6G<br>DL: 256QAM<br>UL: 256QAM<br>LTE<br>DL:256QAM<br>UL: 256QAM |
| | BWP | |
| | Network Slicling | |
| | 3GPP release | Release 16 |
| | WiFi standard | |
| | WiFi Band | |
| | WiFi Speed | |
| | WiFi security | |
| | WPS | |
| | IP protocols | RFC 791 (IP) |
| | | RFC 793 (TCP) |
| | | RFC 768 (UDP) |
| | | RFC 792 (ICMP) |
| | | RFC 826 (ARP) |
| | | RFC 1661 (PPP) |
| | | RFC 1332 (IPCP) |
| | | RFC 1334 (PAP) |
| | | RFC 1994 (CHAP) |
| | NAT/NAPT | RFC 3022 |
| | Browser | IE |
| | | Firefox |
| | | Safari |
| | | Opera |
| | | Chrome |
| Router | Port forwarding | |
| | IP filter | |
| | DMZ | |
| | UPnP | |
| | VPN passthrough | PP2P/L2TP/IPSec |
| | VPN Client | PP2P/L2TP |
| | Voice | |
| | Fax | |
| | SMS | |

| | | |
|---|---|---|
| SW Feature | MMS | |
| | Phonebook | |
| | Network lock | |
| | IPV4/IPV6 | |
| | Language | English Default |
| | Firewall switch | Enable/Disable IP/MAC/Port/URL filter |
| | ZTE Link | Andraiod and iOS APP to management the CPE |
| | ZTE remote management | |
| | ZTE ODU installation Assistant | This is an APP to help user to install the ODU easier |
| | TR069 | |
| | Online update | ZTE FOTA |
| HW buttons &switches | Power button | |
| | Reset button | To restore factory default configurations after pressing for 3 seconds |
| | WPS button | |
| Approvals &Certification | CE | |
| | ROHS | |
| | WEEE | |
| | GCF | |
| | FCC | |
| | WiFi certification | |
| | PTCRB | |
| | REACH | |
| | Operating temperature | -40 ° C to 55° C |
| | Storage temperature | -40 to 70° C |
| | Humidity | 5% to 95% |
| Market launch details | Engineering samples (yyyy/mm/dd) | March of 2020 |
| | Final samples (yyyy/mm/dd) | April of 2020 |
| | Product market launch date (planned) (yyyy/mm/dd) | TBD |

| Support | Remarks |
|---|---|
| | |
| | |
| | |
| | Support:<br>5G NR<br>5G NR + LTE EN-DC<br>5G support sub6 |
| Optional | |
| Yes | |
| Optional | |
| Yes | |
| No | |
| Yes | One POE adapter will be added on package |
| Yes | 10m |
| Optional | Can be customized |
| Optional | |
| | |
| | |
| | BlueTooth is for installation debug |
| | Power Management:<br>PMX65+PMK65 |
| | |
| No | has no wifi |
| No | has no wifi |
| No | |
| | |
| Yes | 4FF<br>eSIM is compliable, but default is SIM slot |
| | |
| No | |
| Yes | TypeC 3.1<br>For speed test and debug |
| Yes | 2.5GE |
| No | |

| | |
|---|---|
| Yes | |
| No | |
| | |
| Yes | |
| No | |
| Yes | |
| Yes | These LEDs can help user to find a better to installation<br>Meanwhile ZTE provide a installation APP to make a better installation |
| Yes | |
| | |
| Yes | |
| Yes | |
| | |
| Yes | n77/78 are Directional antenna and Omnidirectional antenna switch<br>Other bands are Omnidirectional |
| | |
| | |
| | |
| | 4MIMO:<br>B1/3/7/32/38/40/42/43 |
| | This device can meet all the mianstream 5G opetater's requirement.<br>If you want to know more, please provide your requirement and make further evaluation. |
| | 4MIMO:<br>N1/3/7/38/40/75/77/78 |
| | This device can meet all the mianstream 5G opetater's requirement.<br>If you want to know more, please provide your requirement and make further evaluation.<br>When EN-DC is supported,, the max ability is:<br>10Layer LTE + 120M TDD Sub6(2CC); 16 Layer LTE + 80M TDD sub6(1CC) |
| | |
| | |
| | |
| No | has no wifi |
| No | has no wifi |
| No | has no wifi |
| No | has no wifi |
| | |

| | |
|---|---|
| | FDD peak rates require DL: 256QAM + 5CA (16 layers); UL: 256QAM + 2CA intra-bands and inter-bands<br>TDD peak rates require DL: 256QAM + 5CA (16 layers); UL: 256QAM + 2CA intra-bands and inter-bands. And TDD frame config 2 (DL/UL ratio 7:2)<br>This is theoretical Max Rate on this device platform. The different CA requirement will result different rate |
| | LTE FDD + Sub6G<br>DL: LTE 10layer/256QAM + NR 120M /256QAM +75% DL duty cycle;<br>UL: LTE 2CA/256QAM + NR 100M/256QAM +25% UL duty cycle;<br>This is theoretical Max Rate on this device platform. The different CA requirement will result different rate |
| | DL peak rates requires: 120MHz + 256QAM + 4MIMO 75% DL duty cycle;<br>UL peak rates requires: 100MHz + 256QAM + 2MIMO 25% duty cycle.<br>This is theoretical Max Rate on this device platform. The different CA requirement will result different rate |
| | |
| | |
| Yes | |
| No | |
| | |
| No | has no wifi |
| No | has no wifi |
| No | has no wifi |
| No | has no wifi |
| No | has no wifi |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| Yes | The outdoor router default mode is bridge, this function is for the router mode |
| Yes | IP/MAC/Port/URL filter |
| Yes | |
| Yes | |
| Yes | |
| Optional | |
| No | The voice can be provided by ZTE IDU that customer should buy a suite of ZTE IDU&ODU |
| No | |
| Yes | |

| | |
|---|---|
| No | |
| No | Can be customized |
| Optional | Can be customized<br>Up to 42 concurrent PLMN IDs can be supported |
| Yes | |
| Yes | |
| Yes | |
| Yes | has no wifi, so can't support local management but support ZTE link remote management<br>But there is debug tools to help installatoin |
| Optional | ZTE can provide the solution for operator |
| Yes | |
| Yes | |
| Yes | |
| No | The device is directly boot when the power is supplied |
| Yes | |
| No | has no wifi |
| Yes | |
| Yes | |
| Yes | |
| Optional | Can be provided if it is mandatory |
| Optional | Can be provided if it is mandatory |
| No | |
| No | |
| Yes | |
| Yes | |
| Yes | |
| Yes | |
| | |
| | |
| | |