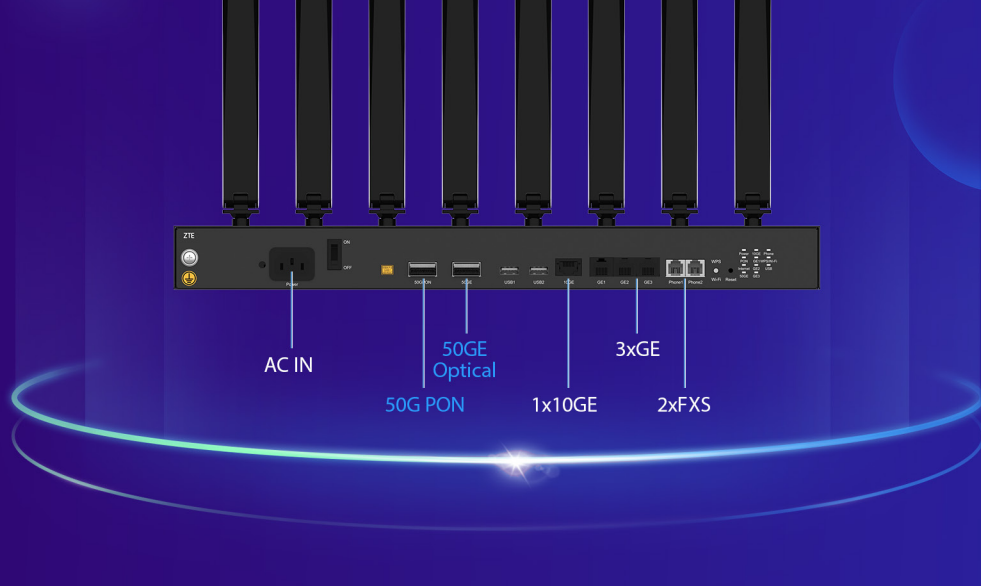


## Industry's First 50G PON+Wi-Fi 7 ONU



50 Gbps by Wire, 19 Gbps by Wi-Fi

**Access Throughput 5x**  
Higher than XGS-PON

**Connected Users 4x**  
Higher than Wi-Fi 6/E

**Wi-Fi Bandwidth 1.7x**  
Higher than Wi-Fi 6/E

**Bandwidth**

- Asymmetric 25G/50G bps

**Wavelength**

- 1340 - 1344 nm (DS)
- 1290 - 1310 nm (US)

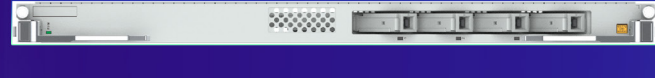
**Optical Module**

- 50G PON: QSFP28
- 50G ETH: QSFP28

**Wi-Fi 7**

- MIMO 4x4 @ 2.4GHz, 5GHz, 6GHz
- Up to 320MHz bandwidth

## Industry's First Precise 50G PON Prototype Enables More Application Scenarios



### 50G PON Line Card

**Precise Bandwidth**

- 1G/10G per wavelength
- 50G per wavelength
- Statistical multiplexing
- Time slot for hard slicing

5 times higher bandwidth than XG(S)-PON, 2M-10G tunable

**Precise Latency**

- Quiet window
- Dedicated activation wavelength
- Single burst
- Multiple bursts

2.5ms@10km -> 200µs@10km

**Precise Jitter**

- Priority-based scheduling
- Time-sensitive scheduling

ms level jitter -> ns level jitter

## Light ODN Helps Build Visualized and Manageable ODN Networks

### Lightweight Construction

**Equipment Room**

- No need of equipment rooms
- Reusing resources and reducing costs

### Lighting up ODN

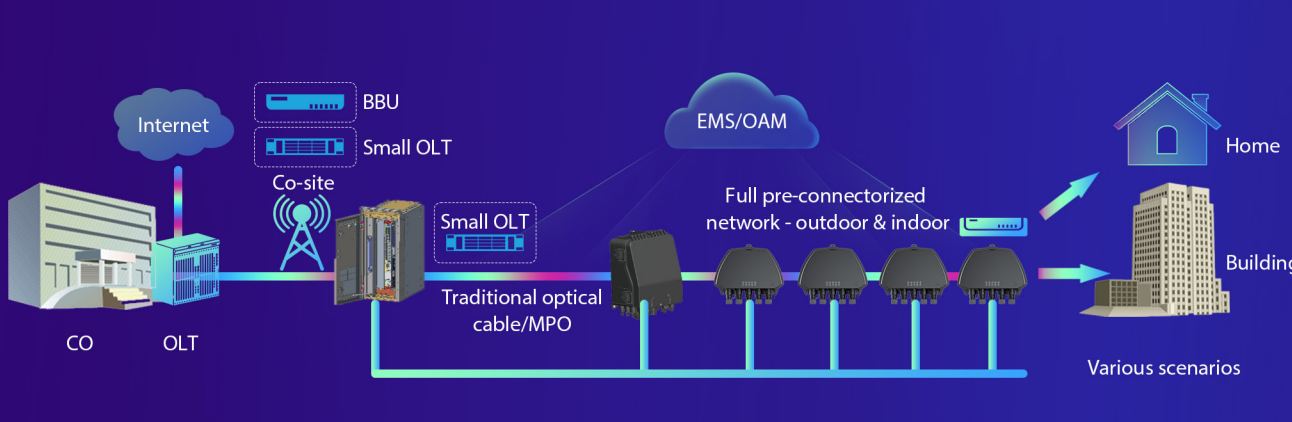
**Pre-connectorized**

- Fast construction and splicing-free
- Saving labor costs

### Resource Management

**Resource Management**

- Visualized ODN topology
- Accurate and intelligent O&M



Saving 50% of installation time

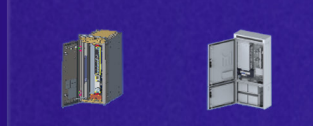
'Flyweight' cabinets

Low deployment cost

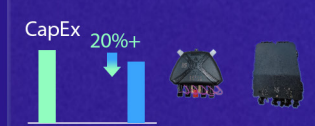
Less labor cost



- Blind Insertion
- Self-lock



One-stop delivery



Traditional Pre-connectorized



Skilled Unskilled

## "MESH+" Builds the In-Home "CONNECTION+"

# MESH+

**Wi-Fi 6**

- Higher bandwidth and more connections

**Cloud Wi-Fi**

- Big data analysis
- Machine learning algorithms

**FTTR**

- No bottleneck in gigabit + home coverage

# CONNECTION+

**Speed**

- Real Gigabit Wi-Fi experience

**Management**

- Visual remote management
- Pre-optimization for ultimate Wi-Fi experience

**Evolution**

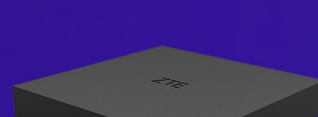
- High reliability and long life to support the evolution of home networks to the future-proof connection

## Light up Your Smart Life



**B866V2F**

- Next-Gen 4K IP STB
- Supports Android TV 11
- 4K HDR with AV1 decoding
- Support various third-party contents



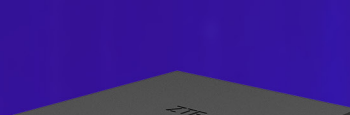
**B866V6-H**

- Next-Gen 4K Wi-Fi 6 STB
- Support Android TV 11
- 4K HDR with AV1 decoding
- Fast and efficient network transmission



**S200A**

- Far-Field AI Voice STB
- Perfect sound quality
- 4K HDR with AV1 decoding
- Google assistant & IoT device control



**B836CT-A15**

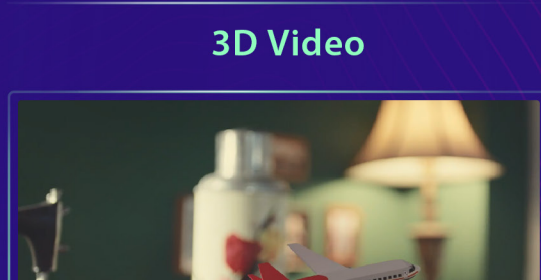
- Next-Gen DVB Hybrid STB
- Supports Google CBS
- DVB-C/T/T2 compliant
- 4K HDR with AV1 decoding

## Big Video Best View

### Multi-viewpoint Video (MVV)



### 3D Video



Multidimensional video

The world's 1<sup>st</sup> 5G MVV live commercial launch

270 ms FVV latency

Energy efficient

### Free-viewpoint Video (FVV)



### VR Video

