

## KT High-Density GPON OLT PTD Series

PTD series are designed for high-density access switching integrated platform which combine multi-service and high-density GPON OLT requirement, they are deployed for high-density xPON OLT as carrier broadband access network .PTD series have the unique half-size slot service cards for the highest density GPON port and terabit switching net can provide the ability of 40/100G future upgrade switching and smooth upgrade access platform. PTD series have the first innovation processing architecture with fully distributed based on 64-bit multi-core processors and high performance AISC. They can provide IPv4/IPv6 wire-speed transferring capacity.



### PRODUCT HIGHLIGHTS

- 7U compact design, half-size serve slots
- 1+1 master control redundancy,1+1power supply redundancy
- Hot plug fan chassis, intelligent speed and temperature control
- 10slots, 2 main control cards,8 line cards
- Maximum support 64\*GPON
- 3.2Tbps widely backplane capacity and smooth upgrade to 40G/100G
- IPv4/IPv6 and MPLS hardware line speed forwarding
- The whole power consumption less than 680W
- 442mm×310mm×420mm

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### TECHNICAL SPECIFICATIONS

- 4 x10 GE + 4x 1G uplink port
- 48 x G/E PON port
- 120GE backplane switch
- 4U compact design
- Dual control board / Dual power supply
- Automatic fan adjustment