

SBINT-8104 (8 PON GEPON OLT)



8 PON GEPON OLT



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Model : SBINT-8104

Material:Steel Shell

Size :442mm*200mm*44mm (L*W*H)

Weight:4.2kg

Description :4 EPON port, Automatic configuration, Automatic upgrade, EMS & Web management

Product details

Product introduction

SBINT-8104 GEPON OLT product is a 1U chassis device with L3 functions. It complies with IEEE802.3ah standard and compatible with mainstream brand ONU access, easy to build GEPON network flexibly and efficiently. It is smart, easy to deploy, and high performance. It is smart, easy to deploy, and high performance, meeting the performance and volume requirements of users in different environments, and It also supports rich operation and maintenance tools such as EMS, WEB, Telnet, SSH and mobile APP, provides users with stable, efficient and value-added network access services.

The product is suitable for "Triple-Play", CPN, IP Camera, Enterprise LAN and IOT applications.

SBINT-8104 GEPON OLT provides 8*EPON Port, 8*GE(RJ45) Port and 8*10GE(SFP+) Port. It can support 512 ONU under 1:64 splitter ratio.

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Functional characteristics

Full Open Platform :

Compatible with mainstream brands ONU

Leading Layer 3 Function :

Support Dynamic Routing RIP v1/v2

Support Dynamic Routing OSPF v2

Flexible Management :

Support EMS/Telnet/CLI/WEB/SSH Management Method

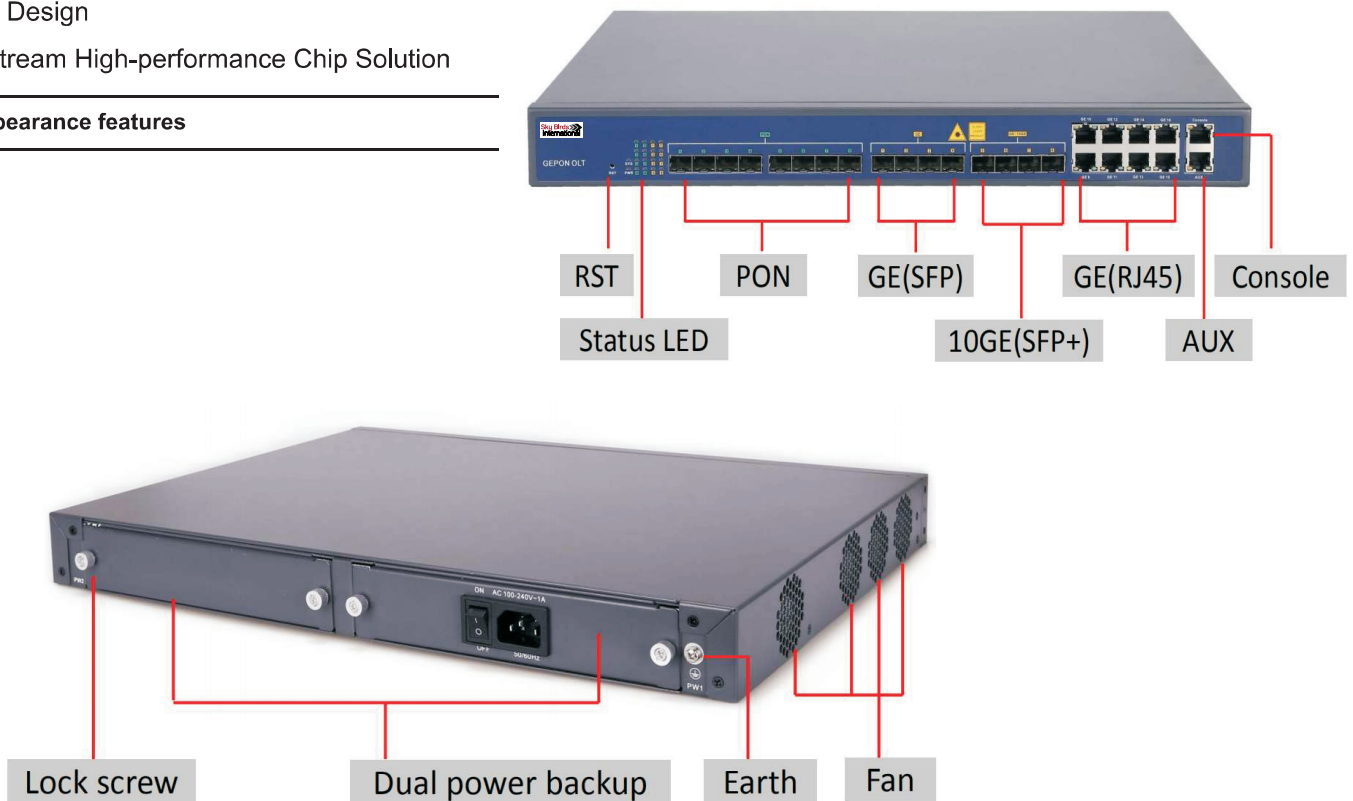
Support android Mobile APP Management

High Cost-effective :

1U Compact Design

Adopt Mainstream High-performance Chip Solution

Product appearance features



Technical parameters

Item		Parameter
Appearance	Rack	1U, 19 inch standard case
	Quantity	8
1G/10G Uplink Port	Copper 10/100/1000M	8
	Auto-negotiable (RJ45)	
	SFP 1G Interface	8
EPON Port	SFP+ 10G Interface	8
	Quantity	8

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	Physical Interface	SFP Slot
	Module Type	PX20+、PX20++
	Max Splitting Ratio	1:64
	Transmission speed	Up and Down Symmetrical 1.25Gbps
Management Interface	1*10/100M Ethernet out-of-band management port, 1*Console Port	
Management Mode	Support EMS Management Platform Support Telnet、CLI、WEB、SSH Support Port VLAN、Protocol VLAN Support VLAN TAG/UNTAG, VLAN transform, VLAN transparent Support 4096 VLAN Support IEEE802.3ad Link Aggregation	
Layer 2 Function	Support IGMP Snooping Support RSTP Support QoS based on port, VID, TOS and MAC address Support IEEE802.x Flow Control Support Port Stability Statistic and Monitoring	
Layer 3 Function	Support Dynamic Routing RIP v1/v2 Support Dynamic Routing OSPF Conform to IEEE802.3ah International Standard Conform to China CTC2.1/3.0 Standard Support ONU Uplink and Downlink Speed Limiting Functions Support ONU Auto-discovery/Link Detection/Remote Upgrade of Software	
PON Port Function	Support Various LLID Configuration and Single LLID Configuration Support Broadcast Storm Suppression Support Port Isolation Between Different Ports Support ACL and SNMP to Configure Data Packet Filter Flexibly Support Dynamic Distance Calculation on EMS Online Support Credit Time Control CATV Management Special Function	

SBINT-8104 (8 PON GE PON OLT)

Dimension(L*W*H)(mm)	442*200*43
Weight(kg)	3.2
Power Input	AC 100~240V, 50/60Hz DC -48V
Dual Power Backup	Support
Max Power Consumption(W)	30
Environmental Requirement	Operating Temperature 0~+50℃
	Storage Temperature -40~+85℃
	Relative Humidity 5~90%(non-condensing)
	Ordering Information
SBINT-8104 Single AC Power	8*EPON+ *1GE(RJ45)+8*1GE(SFP)/10GE(SFP+) Single AC Power
SBINT-8104 AC + DC Power	*EPON+ *1GE(RJ45)+ *1GE(SFP)/10GE(SFP+) Single AC and Single DC Power
SBINT-8104 Dual AC Power	8*EPON+ *1GE(RJ45)+ *1GE(SFP)/10GE(SFP+) Dual AC Power
SBINT-8104 AC + DC Power	8*EPON+ *1GE(RJ45)+8*1GE(SFP)/10GE(SFP+) Single AC and Single DC Power

Typical application diagram

