

Product Description

ARN3708E-G GPON OLT, which provides 8 GPON ports, 8 GE copper RJ45 ethernet ports, 6 SFP(GE) and 2SFP+(10GE) optical uplink ports , it has high reliability, highly dense broadband access and robust switching and routing abilities, is a new generation of broadband and multiservice access OLT devices oriented towards the service-integrated network.

ARN3708E OLT integrates with network security, supports data, voice and video, and provides continuous forwarding, graceful restarting and ring protection, improving the work efficiency and securing the maximum running time.

Independent 1U chassis equipment with 8 PON ports, each port supports up to 128 ONUs, the whole device supports up to 1024 ONUs. Small size and high density OLT, easy to install, convenient, flexible and easy to deploy high performance broadband access network. It is appropriate to be deployed in compact room environment. The OLTs can also be used for “Triple-Play” applications



ARN3708E-G 8 PON Ports GPON OLT

Features

1U 19 inch standard box GPON OLT with 8 PON ports

Compliant with ITU-T G984/G.988 standards and China Telecom GPON Technical Requirements

L3 function, support static route, ARP proxy, hardware Host Routes, hardware Subnet Routes

Tcont DBA, Gemport traffic

QoS based on port, VID, TOS and MAC address(16K Mac address)

Support VLAN tag/Un-tag, VLAN transparent transmission, QinQ

Support IGMP snooping, IGMP Proxy

Specialized design for system breakdown prevention to maintain stable system

Support port-based rate limitation and bandwidth control

Support data encryption, multi-cast, port VLAN, separation, RSTP, etc

Support Dynamic Bandwidth Allocation (DBA)

Support ONU auto-discovery/link detection/remote upgrade of software

Support ONT automatically discovery, auto configuration

Support ONT firmware can be auto upgraded, download ONT firmware to OLT from web/tftp/ftp

Support SNMP, telnet, CLI, OMCI/OAM and Web management

Support power-off alarm function, easy for link problem detection

Support broadcasting storm resistance function

Firewall function

Support remote software upgrade

Two power supply redundancy design

Technical parameters

Items	Unit	Specifications
PON standard.		GPON ITU-T G.984.x
PON interface		8*GPON SFP Ports (Class C+), Receiving sensitivity: ≤ -30dBm(Saturation Optical -12dBm). Power, Transmitting optical power: +3~+7dBm Transmission distance: 20KM. Max splitting ratio:1:128
	Speed	Upstream 2.488G Downstream 1.244G
Wavelength	nm	Tx1310, Rx 1490
	GE	8*copper Ethernet ports 10/100/1000M auto-negotiation
Uplink	SFP GE	6*SFP(GE)
	SFP 10GE	2* SFP+ (10GE)
Layer 3		Support static route, ARP proxy, hardware Host Routes, hardware Subnet Routes
Management Ports		1*10/100BASE-T out-band port, 1*CONSOLE port
Management Mode		SNMP、Telnet、CLI、WEB、SSH v1/v2
Backplane	Gbps	128
MAC table	K	16
Operating condition	°C	Operating temp: -5 ~ +55
Storing condition	°C	Storing temp: -40 ~ +85
Humidity	%	5~90(non-condensing)
Power consumption	W	≤45
Dimension	Mm	442mm×200mm×44mm (L×W×H)
Net weight	Kg	3.1Kg

Shipping packaging

Description	Quantity	Weight	Carton Size
Shipping packaging	1pcs /ctn	4.5kg/ctn	575*380*115mm