



## EPON System - EPON ONT



### Description

- Is an in-premises gear for installing at single home or small multi dwelling environments.
- Also it supports hotel, office, building owners and BLEC (Building Local Exchange Carriers) to deliver gigabit access services for their guests and tenants by shared single core fiber.
- It secures a migration path to FTTH platform of broadband convergence terminal for triple play or quadruple play services.

### Hardware Specification

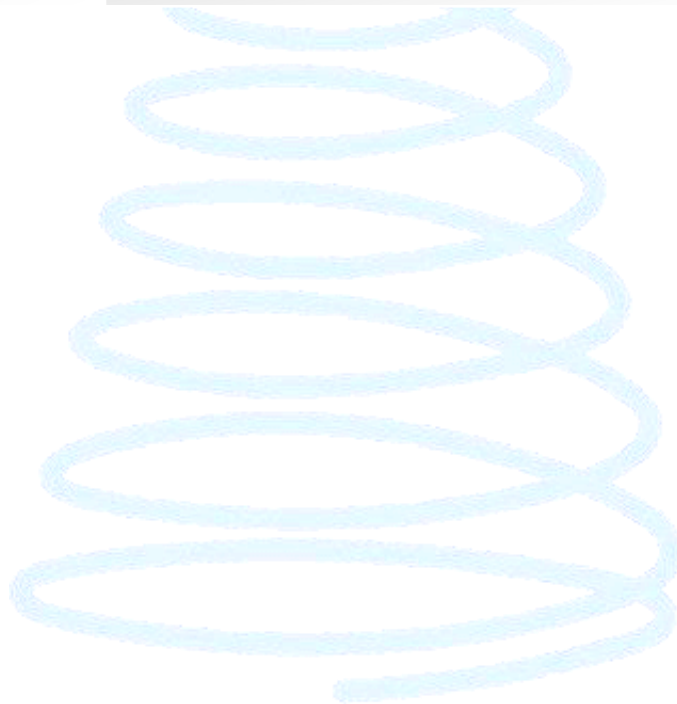
Parameter		Specification
Performance		<ul style="list-style-type: none"> <li>•Link Length : 10 Km, 20 Km (Option)</li> <li>•Dynamic Bandwidth Allocation</li> </ul>
Dimension	Physical	•(W*H*D) = 96 * 30 * 135
	LED	<ul style="list-style-type: none"> <li>•PWR : On</li> <li>•LINK : GE-PON Link</li> <li>•LAN : Ethernet Link</li> <li>•DATA : Link</li> </ul>
Interface	ODN Interface	<ul style="list-style-type: none"> <li>•RX : 1490 nm, TX : 1310 nm, Distance : 10 Km</li> <li>•Max. 20 Km (Option)</li> </ul>
	UNI Interface	<ul style="list-style-type: none"> <li>•EP3201A : 100 Base-TX only</li> <li>•EP3201B : 100Base-TX/1000Base-TX</li> </ul>
	Serial Interface	•Not Available
Protocol & Service		<ul style="list-style-type: none"> <li>•Full Duplex 1.25 Gbps</li> <li>•IEEE 802.3ah MPCP</li> <li>•128 Bit AES Encryption : Security Guaranteed</li> <li>•Dying Gasp H/W Support</li> <li>•IEEE 802.3x Flow Control</li> <li>•IEEE 802.3p (128KB Queueing with 8 Classes)</li> <li>•IEEE 802.3q (VLAN)</li> </ul>



# ORNET



Parameter	Specification
OAM	<ul style="list-style-type: none"><li>•IEEE802.3ah Full OAM</li><li>•Fault Management, Link Status, Fault Isolation</li><li>•Remote Loopback</li><li>•Remote Statistics Query Capability</li><li>•Dying Gasp (Option)</li></ul>
Power consumption	110 - 220V AC/60Hz Adaptor Out-put 12Vdc / 2A
Environmental Condition	Operating Temp. : 0 ~ 50 Humidity : 10% ~ 80%



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