



Bringing the future to a home near you

## Hardware Solution

Chipset Solution	Realtek RTL9619C
Processor Info	Quad-Core ARM Cortex-A55 clocked at 1GHz
Memory DDR	512MB DDR3 (1 Bank Only)
Memory Nand Flash or eMMC	256MB Nand TSOP Flash
Modem/Gateway Connectors	1 x USB3.0, 4 * RJ-45, 1 x Optical Fiber, 1 * RJ11
Product LED Indicators	Power LED Indicator, GPON Indicator, NET LED Indicator, LOS LED Indicator, WiFi LED Indicator, WPS LED Indicator, VOIP Line 1 LED Indicator, USB LED Indicator, LAN1 LED Indicator, LAN2 LED Indicator, LAN3 LED Indicator, LAN4 LED Indicator
Housing Buttons	1 x Reset button, 1x WPS button, 1x Power button
Dimen w*h*d (mm)	236*47*144
Operating temp.	0 to 40° C
Storage Temp	-20 to 70° C
Storage Humidity	5 to 90% RH non-condensing
Operating humidity	10 to 95% RH non-condensing

## Accessories

Power supply	30W PSU EU
Cables	Ethernet cable 1.5m
User Information (Manual)	Quick Start Guide

## Network Functions

PON Standard	XGSPON ITU-T G.9807.1
GPON Optical System	Class N1
PON Sensitivity	-28dBm to -8dBm
PON Wave Length	US: 1270nm / DS: 1577nm
PON Link Rate	Rx: 10Gbps / Tx: 10Gbps
PON OLT Compatibility	ZTE, Huawei, FiberHome, Nokia
Wifi Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11be
Wifi Antenna	4 x dual band antenna
WPA	WPA, WPA2, WPA3, AES Encryption, TKIP Encryption
WiFi Link Rate	2.4G: 1376Mbps, 5.8G: 5764Mbps
WiFi Functions	EasyMesh, Support MU-MIMO, WPS certificate
Ethernet Standard	1000 BASE-T (802.3ab), 10G BASE-T (802.3an)
Number of Ethernet Ports	4
Ethernet WAN	PPPoE
VOIP FUNCTIONALITY	T.38 Fax over IP, G.168 Echo Cancellation, Jitter Buffer, DTMF, DTMF Relay (RFC 2833), RTP/RTCP Packet Encapsulation
VOIP Advanced Services	Call waiting, Caller Identification, Call Forwarding
IP Stack	IP V4, IP V6
Internet Connection	PPPoE
IGMP Protocol	IGMP v2 (RFC 2236), IGMP v3 (RFC 3376), IGMP Snooping, IGMP Proxy
Gateway Firewall and Security	Forbid UDP Flood attack, Forbid TCP Flood attack, Forbid ICMP Flood attack, IP/Port/MAC Filtering, Port Forwarding, NAT, DMZ, UPnP, VLAN
VLAN Support	true
Network Remote Access	Telnet, HTTP
Router Network Features	NAT, DDNS, mDNS, VPN, uPNP, SNTP
Network Device Management Protocol	Web Management, TR069

This product leaflet contains various optional features. Contact our sales team for a detailed quotation.

ABOUT US: EKT is a world-class design centre, specialising in Set Top Box, Modem and Smart TV designs solutions. more info? [www.EKT-Digital.com](http://www.EKT-Digital.com)

All information is non-binding and subject to change at any time

EKT Shenzhen Ltd  
1501-B, BAK Technology Building, 9  
Keyan Road, Nanshan, Shenzhen,  
China  
Info@EKT-Digital.com  
Tel: +86 755 26898816

EKT Germany  
Neckartal 154/1  
78628 Rottweil Germany  
Tel: +49 741 94227480  
solidTV@EKT-Digital.com

EKT Netherlands  
Assendorperdijk 1  
8012 EG Zwolle  
The Netherlands  
SalesEU@EKT-Digital.com

EKT HK  
17/F, Leighton Centre, 77 Leighton  
Road, Causeway Bay, Hong Kong  
Richard.Smith@ekt-digital.com