

Tenda



All for better networking.

W20E

AC1350 Gigabit Wireless Load Balance Router



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What it does

W20E is designed to provide wireless network for small office、café、large house. It is compliant with 802.11a/n/ac standard and delivers wireless rate up to 1350Mbps. Features with external power amplifier and 5 high gain antenna, it provides superior wireless coverage and high-quality WiFi connection experience for the mobile . Adopt of 11ac dual-band, airtime fairness, 5G band steering etc. wireless optimization technology to improve wireless user capacity to 60 users and ensure high qualified Wi-Fi connection.

Main Features

- 2.4GHz 11n 450Mbps;
- 5GHz 11ac 867Mbps;
- Five 5dBi high gain antenna;
- Multi WAN Load Balance;
- Gigabit Port;
- Captive Portal/PPPoE Server;
- Smart bandwidth control;
- PPTP/L2TP/IPSec Server;
- Supports 16APs controller function;

Main Features



High Density User Access

Adopt of 11ac dual band 1167Mbps rate,airtime fairness,5G bandsteering etc wireless optimization technology to improve wireless user capacity and ensure high qualified Wi-Fi connection.



Smart Bandwidth Control

W20E features with smart bandwidth management. It will adjust each user's download and upload bandwidth automatically according to all users bandwidth usage to avoid bandwidth insufficient.



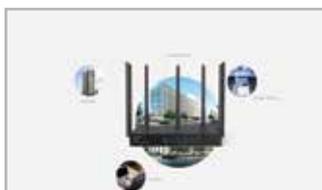
Multi WAN Load Balance

W20E supports 3 WAN ports. It can realize bandwidth averaging between two WAN ports base IP Group. Also it reserve the possibility of bandwidth expansion in the future.



Captive Portal

W20E integrates with captive portal service. A landing page will pop-up when mobile device connect to wifi network. Once username and password is provided, the user will be able to access Internet.



PPTP/L2TP/IPSec Server

W20E supports multiple VPN protocols including IPsec, PPTP and L2TP in Client/Server mode. It is easily to setup a secure data link between branch and headquarter through



AP Controller

The router supports AP controller function. It can control 16APs , so that it discovers connected APs in the LAN automatically, allowing users to configure APs through it's web UI conveniently, such as editing the information of AP's deployment location, setting the number of connected devices for a SSID, security, schedule reboot and so on.

Specifications

Performance Parameter

Overall User Capacity	100 users
Wireless User Capacity	60 users
Captive Portal	50 Portal Accounts/Customize E-bulletin
Internet Access Control	IP/mac/URL Filter

Hardware Features

CPU core count	1
CPU nominal frequency	775MHz
Wireless Speed	450+867Mbps
Interfaces	4*GE(1~3 WAN/ 1~3 LAN)
Power	12V 1.5A
Dimension	220*135*30(mm)(LxWxH)
Certification	CCC\FCC\CE\RoHs
Operating environment	Temperature:0 °C - 40 °C/Humidity:(10% - 90%) RH, non-condensing
Storage environment	Temperature:-40 °C - 70 °C/Humidity:(5% - 90%) RH, non-condensing

Software Specifications

Internet Connection Type	PPPoE/DHCP/Static IP/Russian L2TP/India (PPPoE supports server name customization)
Authrization Service	Captive Portal
Bandwidth Control	Smart Bandwith Control/Manual Definition
Internet Access Control	IP/mac/URL Filter
VPN Protocal	PPTP、L2TP、IPSEC
Port Forwarding	Port Forwarding/DMZ
AP Controller	Supports
Security Setting	IP-MAC Binding/ARP Attack Protection
DDNS	No-ip/dyndns
UPNP	Support
Firmware Upgrade	Local/online Upgrade
System Tool	Schedule Reboot/Restore or Backup Configuration
Network Status View	Traffic Statistics/Network structure topology

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