

Product Overview

DT640 is an 11ax Wi-Fi6 standard MTK Chipset high performance in wall wireless access point with multiple ports and support MU-MIMO, Wave2.0, OFDMA and Seamless Roaming.

*Combined 1800Mbps Wi-Fi speed over 2 radios: 2.4GHz (600Mbps 11ax 2*2) + 5GHz*

*(1200Mbps 2*2), equipped Gigabit WAN & LAN ports, support MU-MIMO and DL/UL-OFDMA modulation, faster Ethernet data rate and more users, then multiple users can upload or download multiple packets at same time, narrower subcarrier spacing and longer symbol time, improved the stability and data processing efficiency, publicly to be used in high density access environment such as university campus, concert venue, gymnasium, etc.*



More Users with Wireless AX Technology (WiFi6)

Wireless data rate up to 1.8Gbps. 802.11ax support 1024QAM, long OFDM symbol, 160M bandwidth and 11ax 2x2 MIMO technology, the wireless data rate up to 1.8Gbps, meet with demand of high-speed applications such as VR/ AR, 4K or 8K stream media.

802.11ax:

1024-QAM, Long OFDM Symbol, Max 160MHz bandwidth

802.11ac:

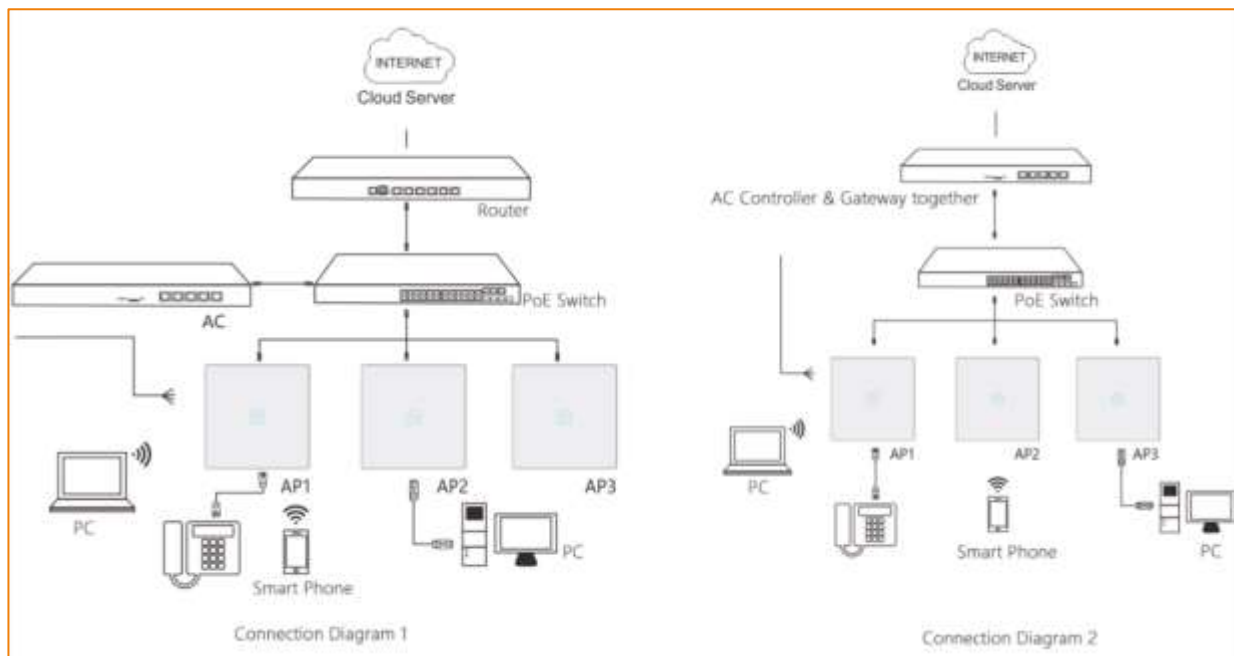
256-QAM

More Bandwith with Mu-MIMO Technology

DL/ UL MU-MIMO. 802.11ax support both downlink MU-MIMO and uplink MU-MIMO. It can communicate with multiple end users at the same time, greatly improving the user's uplink transmission rate and the system's uplink and downlink capacity, improving the efficiency of multi-user concurrent scenarios, reducing the terminal application latency.

Multiple application scene and Central management

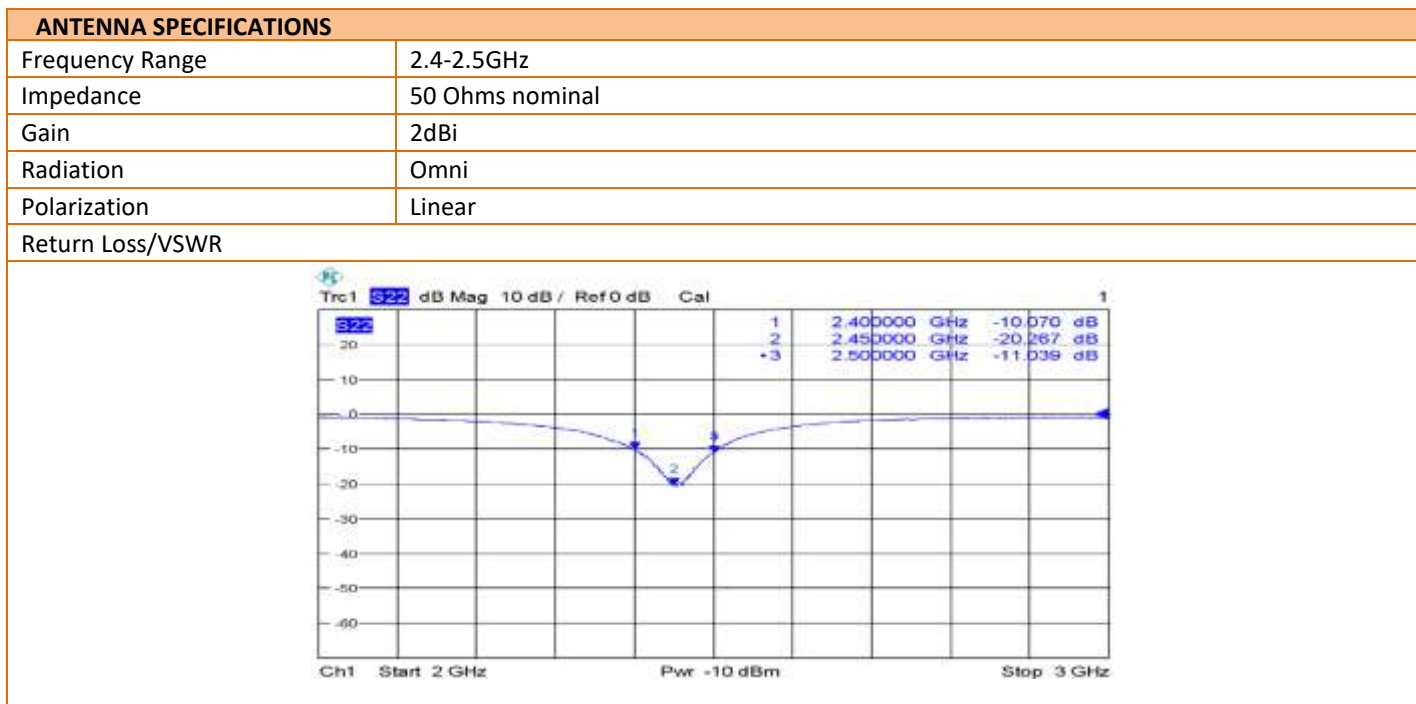
Work with WLAN controller and PoE switch, plug and play, then allow administrator to manage it in centrally and remotely, suit for hotel, school, hospital, provide stable wireless access, promote advertisement and collect user information for second time sales.



Work with multiple function smart router, plug and play, easy to provide high security dual band wireless access for end users and gigabit Ethernet for IPTV. Then all cable is embedded in the wall, safety, tidy and perfectly comply with home decoration.




HARDWARE SPECIFICATIONS	
Chipset	MT7621DAT+MT7905DN+MT7975DN
Standard	802.11ax/ac/b/g/n
Flash	SPI NOR 16MB
Memory	128MB
2.4G Frequency	2.4GHz - 2.484GHz
2.4G Wi-Fi standard	802.11b/g/n/ac/ax
5.8G Frequency	5150~5850MHz
5.8G Wi-Fi Standard	802.11 a/n/ac/ax
Interface	1 * 10/100 /1000 RJ45 WAN Port
	4 * 10/100 /1000 RJ45 LAN Ports (Optional: 3*10/ 100/ 1000 RJ45 LAN, 1* RJ11)
	1 * Reset button, press 10 seconds to revert to default setting
Antenna	2.4G: 2dBi; 5G: 4dBi
Data Rate	1800Mbps
End Users	120+
RF Power	2.4G≤20dBm; 5.8G≤19dBm
PoE	48V (IEEE 802.3af/at)
LED light	Sys
Power Consumption	≤ 14W
ESD	±6KV
Size	86mmX86mmX45mm
FIRMWARE SPECIFICATIONS	
Working Mode	Gateway, AP
Wireless Functions	Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4.
	Support SSID hidden
	Support seamless roaming, 802.11kvr standard.
	Support 5G Prior for a faster Ethernet.
	Wireless Security: Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP,
	Support MAC filter
	Support Wi-Fi time on/off to save energy
	Support client isolation to improve the wireless stability
	Support RF power adjustable, adjust the RF power based on environment.
Support user quantity limited, Max 64 users to access each band.	
Networking Function	VLAN settings
	Cloud access support in gateway mode
Device Management	Back-up the configuration
	Restore the configuration
	Reset to factory default
	Reboot the device: including time reboot or reboot immediately
	Admin management password modify
	Firmware upgrade
	System log
Support firmware GUI web management, AC controller management, remote management and cloud management	
Protocols	IPv4





Wi-Fi6 Enterprise Gigabit Wall-Mount Wireless Access Point


1800Mbps Wireless Access Point


DT640






 Standard 86mm size



 Dual Band



 Gigabit Ports



 800Mbps



 Support OFDMA



 WPA3 encryption



 MU-MIMO


 Beam-forming


 Automatic RF tuning


 Seamless roaming


 Active PoE power


 Cloud Access