LWR-X8460

High-Capacity Wi-Fi 6E Tri-Band Access Point

Images are for refernce only. See ordering information for SKU details.

■ Features

- Qualcomm® IPQ8076A Quad-Core@2.2GHz Processor
- Wi-Fi 6E Tri-Band Access Point
- 4x4 MU-MIMO in 2.4GHz, 5GHz and 6GHz
- Comply with IEEE 802.11a/b/g/n/ac/ax
- 12 Internal Antennas for optimal Wi-Fi performance
- BLE 5.1 for IoT management
- Multi-speed GbE WAN port (1/2.5/5/10GbE)
- IEEE802.3bt (PoE++)

■ Preliminary Specifications

Wi-Fi Access Point

Platform	
Processor	Qualcomm® IPQ8076A Hawkeye 2@2.2GHz
System Memory	
Flash NOR	8 MB
Flash NAND	256 MB
DDR4	1 GB
Wi-Fi	
Standards	IEEE 802.11 a/b/g/n/ac/ax
Peak PHY Rates	2.4GHz: 1147 Mbps
	5GHz: 2401 Mbps
	6GHz: 4803 Mbps
Antenna	2.4GHz: Peak gain 3.6dBi, Internal 4x4, Omnidirectional
	5GHz: Peak gain 5.7dBi, Internal 4x4, Omnidirectional
	6GHz: Peak gain 5.8dBi, Internal 4x4, Omnidirectional
Frequency Bands	2.400 to 2.4835GHz (ISM)
	5.150 to 5.250GHz (U-NII-1)
	5.250 to 5.350GHz (U-NII-2A)
	5.470 to 5.725GHz (U-NII-2C)
	5.725 to 5.850GHz (U-NII-3)
	5.925 to 7.125GHz (U-NII-5/6/7/8)
Client Capacity	Up to 512 clients per band
SSID	Multiple SSID: Up to 8 BSSID per band
	Hidden SSID
Security	Open
	Enhance Open
	WPA2-PSK
	WPA/WPA2-PSK mixed mode
	WPA3-SAE
	WPA2/WPA3-PSK/SAE mixed mode
Advanced	IEEE 802.11 k/v/r
	WMM
Bluetooth	
Standards	BLE 5.1
Tx Power	4dBm (class 2)
Rx Sensitivity	-89dBm

Antenna	2.4GHz: Peak gain 3.6 dBi, Internal, Omnidirectional
I/O Interfaces	
Power Input	DC Jack with lock
WAN	1 x Ethernet 10GbE + IEEE802.3bt (PoE++)
LAN	1 x Ethernet 10GbE (1/2.5/5/10GbE)
LAN	4 x Ethernet 1GbE
Console	1 x RJ45 management port
USB	1 x USB2.0, Type A
WPS	1 x Button
Reset	1 x Button
LED indicators	Power, Status, 10G, 1G, WLAN, WPS
Networking Protocols	
IP	IPv4, IPv6
Mesh	EasyMesh Wireless Technology/Self-healing /AP steering
VLAN	Port-based, 802.1Q
802.1x	Authenticator & Supplicant
System Management	
Time	NTP client, Timezone, Local time
Log	System / kernel Log, Log Levels
Diagnostics	Ping, Traceroute, Nslookup
Device Management	Backup / Restore Device Configuration
	Firmware Update / Reset to Default
Remote Mgmt	HTTPS / SSH
Environmental Specifications	
Temperature	Operating: 0~40ºC
Humidity (RH)	5%~90% non-condensing
Mechnical Specifications	
(WxDxH)	220 x 220 x 60 mm (without rubber feet)
Weight	2.1 kg
Power	
Consumption	50W (Max.)
Input	48V DC/1.25A IEEE 802.3bt (POE++)
Certifications and Compliance	
Approvals	TBD

Product I/O View

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A	WPS	**D**	Console	**G**	10G WAN/PoE++
B	Reset	**E**	1GbE RJ45	**H**	DC +48V
C	USB	**F**	10GbE RJ45	**I**	Status LEDs

Dimensions - 220 x 220 x 60 mm (Without Rubber feet)
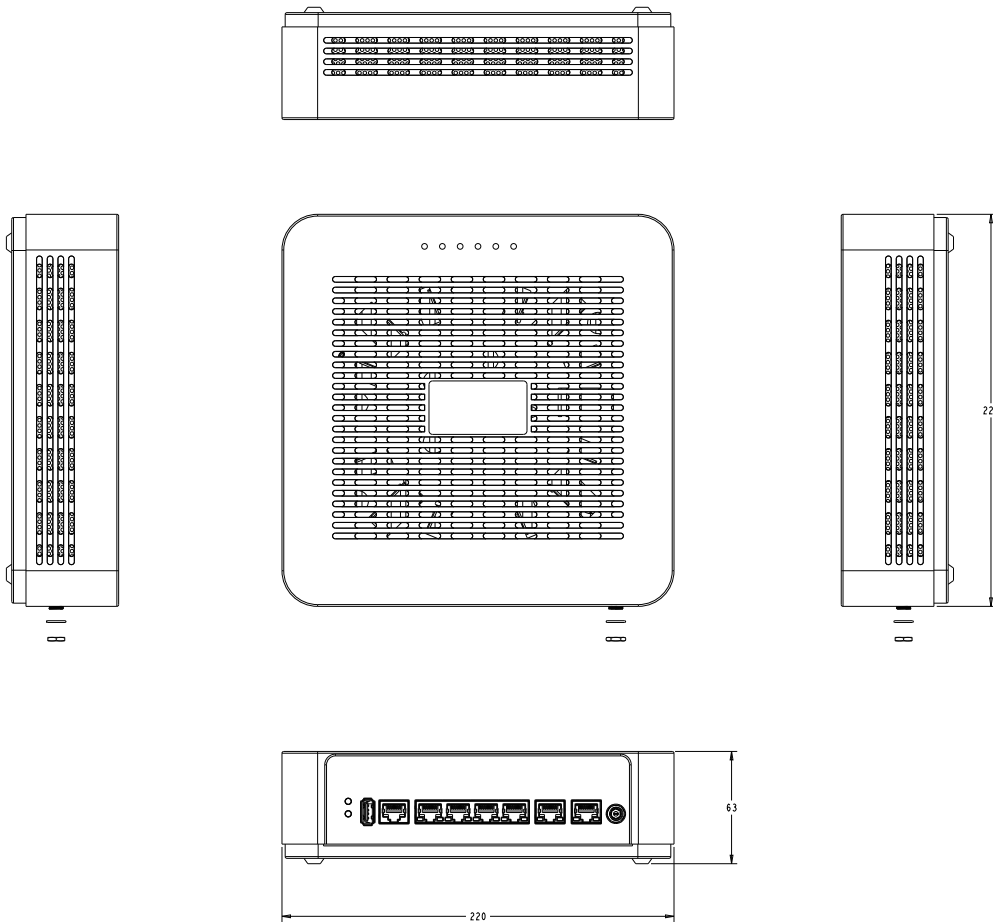
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Ordering Information

LWR-X8460B   High-Capacity Wi-Fi 6E Tri-Band Access Point with Qualcomm Hawkeye 2 + 2x 10GbE (PoE++ PD) +4 port 1GbE RJ45, Support Wall mount.

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contact@lannerinc.com | www.lannerinc.com

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