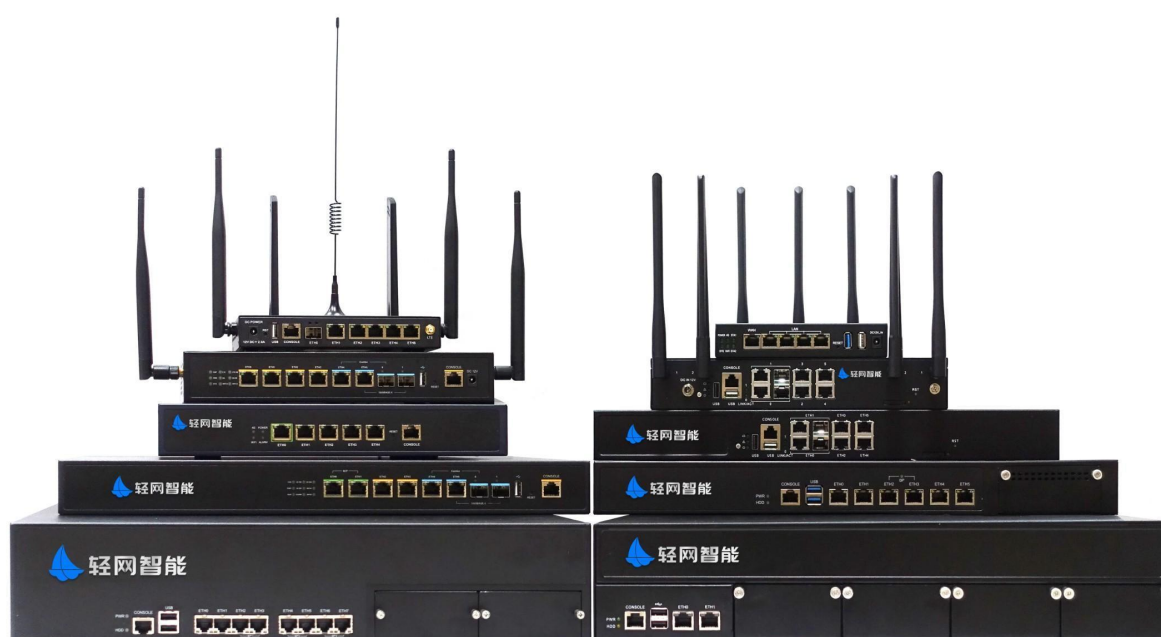


LightWAN CPE Specifications



Product Portfolio

Model	Bandwidth (Internet Packet Size 1518 Bytes / Other Packet Size 1280 Bytes)	Bandwidth (Packet Size iMIX)	Port	Module
LW1000: Mini router				
LW1X05	LightWAN: 35Mbps Internet: 95Mbps	LightWAN: 15Mbps Internet: 30Mbps	5 ports of fixed GE RJ45	4G modem and Wireless LAN
LW1X06	LightWAN: 100Mbps Internet: 250Mbps	LightWAN: 40Mbps Internet: 70Mbps	5 ports of fixed GE RJ45	4G/5G modem and Wireless LAN
LW2000: Tabletop				
LW2X03V2	LightWAN: 80Mbps Internet: 150Mbps	LightWAN: 30Mbps Internet: 45Mbps	1 port of fixed GE SFP, 5 ports of fixed GE RJ45	4G modem and Wireless LAN
LW2X08	LightWAN: 300Mbps ShangMi (with encryption card): 300Mbps ShangMi (without encryption card): 120Mbps Internet: 650Mbps	LightWAN: 100Mbps ShangMi (with encryption card): 85Mbps ShangMi (without encryption card): 65Mbps Internet: 180Mbps	2 ports of fixed GE Combo, 4 ports of fixed GE RJ45	4G/5G modem and Wireless LAN
LW2X09	LightWAN: 450Mbps ShangMi (with encryption card): 450Mbps ShangMi (without encryption card): 250Mbps Internet: 1Gbps	LightWAN: 200Mbps ShangMi (with encryption card): 250Mbps ShangMi (without encryption card): 150Mbps Internet: 420Mbps	2 ports of fixed GE Combo, 4 ports of fixed GE RJ45	4G/5G modem and Wireless LAN
LW2X09V3	LightWAN: 450Mbps ShangMi (with encryption card): 450Mbps ShangMi (without encryption card): 250Mbps Internet: 1Gbps	LightWAN: 200Mbps ShangMi (with encryption card): 250Mbps ShangMi (without encryption card): 150Mbps Internet: 420Mbps	2 ports of fixed GE SFP, 6 ports of fixed GE RJ45	4G/5G modem and Wireless LAN
CW2X9	LightWAN: 650Mbps Internet: 1Gbps	LightWAN: 260Mbps Internet: 550Mbps	4 ports of fixed GE RJ45, 4 ports of fixed 2.5GE RJ45, 2 ports of fixed GE Combo	4G modem
LW3000: 1U Rack-mount				
LW3001V3	LightWAN: 300Mbps ShangMi (with encryption card): 300Mbps ShangMi (without encryption card): 120Mbps Internet: 650Mbps	LightWAN: 100Mbps ShangMi (with encryption card): 85Mbps ShangMi (without encryption card): 65Mbps Internet: 180Mbps	2 ports of fixed GE Combo, 4 ports of fixed GE RJ45	N/A
LW3002V2	LightWAN: 450Mbps ShangMi (with encryption card): 450Mbps ShangMi (without encryption card): 250Mbps Internet: 1Gbps	LightWAN: 200Mbps ShangMi (with encryption card): 250Mbps ShangMi (without encryption card): 150Mbps Internet: 420Mbps	2 ports of fixed GE Combo, 4 ports of fixed GE RJ45	N/A
LW3002V3	LightWAN: 450Mbps ShangMi (with encryption card): 450Mbps ShangMi (without encryption card): 250Mbps Internet: 1Gbps	LightWAN: 200Mbps ShangMi (with encryption card): 250Mbps ShangMi (without encryption card): 150Mbps Internet: 420Mbps	2 ports of fixed GE SFP, 6 ports of fixed GE RJ45	N/A
LW3003V3	LightWAN: 1.5Gbps Internet: 3Gbps	LightWAN: 550Mbps Internet: 800Mbps	6 ports of fixed GE RJ45	1 Pluggable Interface Module slot
LW3003V4	LightWAN: 1.5Gbps ShangMi (with encryption card): 450Mbps ShangMi (without encryption card): 450Mbps Internet: 3Gbps	LightWAN: 550Mbps ShangMi (with encryption card): 290Mbps ShangMi (without encryption card): 290Mbps Internet: 800Mbps	6 ports of fixed GE RJ45	1 Pluggable Interface Module slot
LW3007V3	LightWAN: 3.2Gbps	LightWAN: 1.1Gbps	6 ports of fixed GE	1 Pluggable Interface Module

Model	Bandwidth (Internet Packet Size 1518 Bytes / Other Packet Size 1280 Bytes)	Bandwidth (Packet Size iMIX)	Port	Module
LW3007V4	Internet: 5.5Gbps	Internet: 1.7Gbps	RJ45	slot
	LightWAN: 3.2Gbps ShangMi (with encryption card): 2.5Gbps ShangMi (without encryption card): 900Mbps Internet: 5.5Gbps	LightWAN: 1.1Gbps ShangMi (with encryption card): 850Mbps ShangMi (without encryption card): 600Mbps Internet: 1.7Gbps	6 ports of fixed GE RJ45	1 Pluggable Interface Module slot
LW7000: 2U Rack-mount				
LW7007	LightWAN: 4.4Gbps ShangMi (with encryption card): 3Gbps ShangMi (without encryption card): 1.1Gbps Internet: 9.5Gbps	LightWAN: 1.4Gbps ShangMi (with encryption card): 1.5Gbps ShangMi (without encryption card): 750Mbps Internet: 1.9Gbps	8 ports of fixed GE RJ45	2 Pluggable Interface Module slotss
LW7009	LightWAN: 5.6Gbps ShangMi (with encryption card): 3Gbps ShangMi (without encryption card): 1.8Gbps Internet: 9.5Gbps	LightWAN: 1.9Gbps ShangMi (with encryption card): 1.8Gbps ShangMi (without encryption card): 1.2Gbps Internet: 2.9Gbps	8 ports of fixed GE RJ45	2 Pluggable Interface Module slotss
LW7009V2	LightWAN: 5.5Gbps ShangMi (with encryption card): 3Gbps ShangMi (without encryption card): 2Gbps Internet: 9.5Gbps	LightWAN: 2.7Gbps ShangMi (with encryption card): 1.7Gbps ShangMi (without encryption card): 1.4Gbps Internet: 2.9Gbps	8 ports of fixed GE RJ45	2 Pluggable Interface Module slotss
LW8005	LightWAN: 8.5Gbps ShangMi (with encryption card): 3Gbps ShangMi (without encryption card): 3Gbps Internet: 10Gbps	LightWAN: 3.5Gbps ShangMi (with encryption card): 1.9Gbps ShangMi (without encryption card): 1.5Gbps Internet: 6.5Gbps	2 ports of fixed GE RJ45 4 ports of fixed 10GE SFP+	3 Pluggable Interface Module slotss



NOTE

- TX and RX Traffic Testing. Bandwidth=(TX Traffic+RX Traffic)×0.5.
- The above performance data originates from LW6.1.0 test.

vCPE Series

Models	CPU Frequency	CPU Cores	Memory	Disk Storage	LightWAN Bandwidth	Internet Bandwidth
LWV1000 series	2.5GHz or higher	2C	2GB	40GB	100Mbps	150Mbps
LWV3000 series	2.7GHz or higher	4C	8GB	40GB	300Mbps	400Mbps
LWV5000 series	2.7GHz or higher	8C	16GB	40GB	480Mbps	600Mbps
LWV7000 series	2.7GHz or higher	16C	32GB	40GB	1.2Gbps	2Gbps



NOTE

- TX and RX Traffic Testing.Bandwidth=(TX Traffic+RX Traffic)×0.5.
- The CPU frequency and CPU memory are exclusive to vCPE.
- The above performance data originates from LW5.6.0 test.

vCPE Supported Architecture and OS

Architecture	OS	Kernel Version
X86	Ubuntu 22.04 LTS	5.15.0-79-generic
ARM64	Kylin-Server-10-SP1-Release	4.19.90-23.8
X86	OpenEuler 22.03 LTS	5.10.0-60.18.0.50.oe2203.x86_64
X86	CentOS 7.3	3.10.0-514.26.2.el7.x86_64



NOTE

- The IT Application Innovation (ITAT) operating system is a commercial edition, where users need to deploy the operating system on their own, and LightWAN shall not provide a vCPE (that is, the image).

Mobile Series

Terminal	OS	CPU	Description
Personal PC	Windows	X86_64 (Intel 64 and AMD 64)	Supported with Windows 7 SP1 and later
		X86 (Intel 32)	Tunnel Mode supported only Supported with Windows 7 SP1 and later
		ARM64	Tunnel Mode supported only Supported with Windows 10 and later
	macOS	X86_64 (Intel 64)	Supported with macOS 10.14 and later
		ARM64 (CPU starting from M1)	Must install Rosetta before running the LightWAN client When you run an application that doesn't support the arm64 architecture, the system will automatically prompt you to install Rosetta. To install Rosetta, please see https://support.apple.com/en-us/102527
	UOS	X86 (Haiguang 3000series, Zhaoxin ZX-C series, and Zhaoxin KX series)	Supported with UOS V20 and later
		ARM64 (Kunpeng, Feiteng, Huawei-Kirin)	Supported with UOS V20 and later
	Kylin	ARM64 (Kunpeng and Feiteng)	Supported with Kylin V10 and later
Phone	Ubuntu	X86_64	Supported with Ubuntu 22.04 and later
	Android	ARM and ARM64	Supported with Android 7 and later
	iOS	ARM64	Supported with iOS 10.0 and later
	HarmonyOS NEXT	ARM64	Supported only on HarmonyOS NEXT 5.0.3(15) and later

CPE

Item	LW1000	LW2000	LW3000	LW7000	LW8000
Services and Slot Density					
Encryption card	N/A	LW2X08-GML, LW2X09-GML, LW2X09V3-GML LightWAN Mini PCI-E card	LW3001V3-GML, LW3002V2-GML, LW3002V3-GML, LW3003V4-GML LightWAN Mini PCI-E card LW3007V4-GM card LightWAN PCI-E card	LightWAN PCI-E card	LightWAN PCI-E card
Traffic ports	LW1X05: 5×GE RJ45, 4×LAN+1×WAN LW1X06: 5×GE RJ45, 4×LAN+1×WAN	LW2X03V2: 1×GE SFP+5×GE RJ45. LW2X08/09: 4×GE RJ45+2×GE Combo. LW2X09V3 6×GE RJ45+2×GE SFP. CW2X9: 4×GE RJ45+4×2.5GE RJ45+2×GE Combo	LW3001V3/02V2: 4×GE RJ45+2×GE Combo. LW3002V3: 6×GE RJ45+2×GE SFP. LW3003V3/07V3/03V4 /07V4: 6×GE RJ45, 1 Pluggable Interface Module (PIM) slot. PIM Options: 4×GE SFP, 8×GE RJ45, 2×10GE SFP+, 4×10GE SFP+.	LW7007/09/09V2: 8×GE RJ45, 2 Pluggable Interface Module (PIM) slots. PIM Options: 8×GE SFP, 8×GE RJ45, 2×10GE bypass SFP+, 4×10GE SFP+.	LW8005: 2×GE RJ45+4×10GE SFP+ 3 Pluggable Interface Module slots (PIM) slots. PIM Options: 8×GE SFP, 8×GE RJ45, 2×10GE bypass SFP+, 4×10GE SFP+.
Bypass	N/A	N/A	1 Pair of Gen3	Optional with 1 Pair of Gen3	Optional with 1 Pair of Gen3
CPU (Cores/Threads)	LW1X05: 2/4 LW1X06: 2/2	LW2X03V2: 2 / 2 LW2X08/09/09V3: 4 / 4 CW2X9: 4/4	LW3001V3/02V2/02V3 : 4 / 4 LW3003V3/03V4: 2 / 4 LW3007V3/07V4: 4 / 8	LW7007: 6 / 12 LW7009: 8 / 16 LW7009V2: 10 / 20	LW8005: 16 / 32
Memory	LW1X05: DDR3 256MB LW1X06: DDR4 1GB	LW2X03V2: DDR4 1GB LW2X08: DDR4 2GB LW2X09/09V3: DDR4 8GB CW2X9: DDR4 8GB	LW3001V3: DDR4 2GB LW3002V2/02V3: DDR4 8GB LW3003V3/03V4: DDR4 8GB LW3007V3/07V4: DDR4 16GB	LW7007: DDR4 32GB LW7009/09V2: DDR4 64GB	LW8005: DDR4 64GB

Item	LW1000	LW2000	LW3000	LW7000	LW8000
NAND storage	LW1X05: 32MB Flash LW1X06: 8GB EMMC	LW2X03V2: 4GB EMMC LW2X08: 8GB EMMC or 16GB EMMC LW2X09: 16GB EMMC or 32GB EMMC or 64GB mSATA LW2X09V3: 32GB mSATA CW2X9: 128GB mSATA	LW3001V3: 16GB EMMC LW3002V2: 32GB EMMC or 64GB mSATA LW3002V3: 32GB mSATA LW3003V3/07V3: 32GB mSATA or 64GB mSATA LW3003V4/07V4: 64GB 或 240GB SSD or 480GB SSD or 512GB SSD	LW7007: 120GB SSD or 240GB SSD or 480GB SSD LW7009/09V2: 120GB SSD or 240GB SSD or 480GB SSD	LW8005: 240GB SSD or 480GB SSD
4G LTE	Optional	Optional	N/A	N/A	N/A
5G NR	Optional for LW1X06	Optional for LW2X08/09/09V3	N/A	N/A	N/A
WIFI	LW1X05: 802.11b/g/n (Optional) LW1X06: 802.11ax(Wi-Fi 6) (Optional)	LW2X03V2/LW2X08/09/09V3: 802.11b/g/n (Optional) LW2609V3: 802.11ax(Wi-Fi 6) (Optional)	N/A	N/A	N/A
Serial console port	N/A	1×RJ45	1×RJ45	1×RJ45	1×RJ45
Management port	N/A	LW2X03V2/LW2X09/LW2X09V3:ETH5 LW2X08:ETH3 CW2X9: ETH5	LW3001V3: ETH3 LW3002V2/LW3002V3/LW3003V3/LW3003V4/LW3007V3/LW3007V4:ETH5	ETH5	ETH1
Fans	N/A (Fanless)	LW2X03V2/08: N/A (Fanless) LW2X09/09V3: 1 CW2X9: 1	LW3001V3: N/A (Fanless) LW3002V2/02V3: 1 LW3003V3/03V4/07V3/07V4: 3	LW7007/09: 2 LW7009V2: 3	LW8005:3
Power Consumption	LW1X05: 12W LW1X06: 20W	LW2X03V2:12W LW2X08:27.4W LW2X09:31W LW2X09V3:31W CW2X9: 31W	LW3001V3:22W LW3002V2:28W LW3002V3:28W LW3003V3/07V3:90W LW3003V4/07V4:100W	LW7007:180W LW7009: 230W LW7009V2:230W	LW8005:290W
Power Specifications					
Power supply option	External AC-DC power adapter	External AC-DC power adapter	Internal AC power adapter	Internal AC power adapter	Redundant AC/DC power supply
Redundant power	N/A	N/A	Optional with LW3003V3/03V4/07V3	Yes	Yes

Item	LW1000	LW2000	LW3000	LW7000	LW8000
supply support			/07V4		
AC input voltage	100-240V	100-240V	100-240V	100-240V	AC: 100~240V DC: 180V~310V Rated voltage: 240V (Mainland China ONLY)
Physical Specifications (For reference only)					
Size (W×D×H)	LW1X05: 160×110×30mm LW1X06: 235×165×23mm	LW2X08/09V3: 275×175×44mm LW2X03V2: 180×110×28mm LW2X09: 240×199×44mm CW2X9: 310×204×44mm	LW3001V3/02V2: 263×440×44mm LW3002V3: 440×300×44mm LW3003V3/03V4/07V3/07V4: 440×500×44mm	LW7007/09: 550×440×88mm LW7009V2: 550×435×88mm	LW8005: 570×440×89mm
Weight (G.W. / N.W.)	LW1X05: 1kg/0.5kg LW1X06: 1.6kg/1kg	LW2X03V2: 1.2kg / 0.6kg LW2X08: 2.4kg / 1.5kg LW2X09/09V3: 3.8kg/2.8kg CW2X9: 3.6kg/2kg	LW3001V3: 6.4kg / 3.5kg LW3002V2/02V3: 8.4kg / 5.6kg LW3003V3/03V4/07V3/07V4: 14kg / 10kg	LW7007/09: 21.5kg / 18.5kg LW7009V2: 14.5kg / 13.2kg	LW8005: 28kg / 20kg
Package size (W×D×H)	LW1X05: 313×277×73mm LW1X06: 337×237×59mm	LW2X08: 350×260×105mm LW2X03V2: 266×249×90mm LW2X09: 300×240×100mm LW2X09V3: 390×250×150mm CW2X9: 503×375×125mm	LW3001V3: 535×410×180mm LW3002V2: 560×530×215mm LW3002V3: 510×390×165mm LW3003V3/03V4/07V3/07V4: 615×547×188mm	LW7007/09: 740×580×260mm LW7009V2: 740×500×210mm	LW8005: 740×630×260mm
Operating/Storage Condition					
Operating Temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Operating Humidity	10%RH ~ 85%RH	10%RH ~ 85%RH	10%RH ~ 85%RH	10%RH ~ 85%RH	10%RH ~ 85%RH
Storage Humidity	5%RH ~ 95%RH	5%RH ~ 95%RH	5%RH ~ 95%RH	5%RH ~ 95%RH	5%RH ~ 95%RH



NOTE

By default, all CPE power modules utilize AC power. However, for the LW7009V2 CPE, you have the option to customize with a DC power module. If you wish to customize the DC power module for the LW7009V2 CPE, please reach out to us beforehand.

CPE with 4G Bands

Model	Countries/Regions	Band
LW1305/LW1306/LW2303V2/LW2308/LW2308-GML/LW2309V3/LW2309V3-GML	Chinese Mainland,Southeast Asia	LTE FDD: B1, B3, B5, B8
		LTE TDD: B34, B38, B39, B40, B41
LW2303V2/LW2308/LW2308-GML	Chinese Mainland, Southeast Asia	LTE FDD: B1, B3, B5, B8
		LTE TDD: B38, B39, B40, B41
LW1305/LW2303V2/LW2308/LW2308-GML/LW2309V3/LW2309V3-GML/CW239	Worldwide (except Russia and Iran)	LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28
		LTE TDD: B38, B39, B40, B41
LW2303V2/LW2308/LW2308-GML	EMEA (Europe, the Middle East and Africa)	LTE FDD: B1, B3, B7, B8, B20, B28
		LTE TDD: B40
LW2308-MAPN	China	LTE FDD: B1, B3, B5, B8
		LTE TDD: B38, B39, B40, B41 (B34 supported)
LW2309/LW2309-GML	China, Thailand, India	LTE FDD: B1, B3, B5, B8
		LTE TDD: B38, B39, B40, B41

CPE with 5G Bands

Model	Country/Region	Band
LW1506/LW2508-ZR/LW2508-ZR-GML/LW2509V3-ZR/LW2509V3-ZR-GML	China	SA: N1, N5, N8, N28, N41, N77, N78, N79
		NSA: N41, N77, N78, N79
		LTE FDD: B1, B3, B5, B8
		LTE TDD: B34, B38, B39, B40, B41
LW2508/LW2509/ LW2508-MAPN/LW2508-GML/LW2509-GML	China	NR FDD: N1, N28
		NR TDD: N41, N77, N78, N79
		LTE FDD: B1, B2, B3, B5, B7, B8
		LTE TDD: B34, B39, B40, B41
LW2508/LW2509/ LW2508-MAPN/LW2508-GML/LW2509-GML/LW2509V3/LW2509V3-GML/LW2609V3	China	SA: N1, N28, N41, N78, N79
		NSA: N41, N78, N79
		LTE FDD: B1, B3, B5, B8
		LTE TDD: B34, B38, B39, B40, B41
LW2508/LW2509/ LW2508-MAPN/LW2508-GML/LW2509-GML	Eurasia	SA: N1, N3, N5, N7, N8, N20, N28, N38, N40, N41, N75, N76, N77, N78
		NSA: N1, N3, N5, N7, N8, N20, N28, N38, N40, N77, N78
		LTE FDD: B1, B3, B5, B7, B8, B20, B28, B32
		LTE TDD: B38, B40, B41, B42, B43
LW2508/LW2508-GML/LW2509V3/LW2509V3-GML	Japan/Korea	SA: N1, N3, N7, N8, N28, N41, N77, N78, N79
		NSA: N1, N3, N28, N41, N77, N78, N79
		LTE FDD: B1, B3, B5, B7, B8, B18, B19, B26, B28
		LTE TDD: B38, B41, B42

Wireless LAN

Item	2.4GHz
Models	LW1305,LW2303V2,LW2308,LW2508,LW2508-ZR, LW2309,LW2509,LW2309V3,LW2509V3
Protocols	IEEE 802.11b/g/n
Channel bandwidth	20Mhz or 40Mhz
Concurrent clients	Up to 30
Wireless Security and Authentication	WPA/WPA2 personal
Wireless Encryption	AES
WLAN antennas	External

Item	2.4GHz/5GHz
Models	LW1306, LW1506, LW2609V3
Protocols	IEEE 802.11n/g/b/a/ac/ax
Channel bandwidth	2.4GHz: 20MHz ; 5GHz: 160MHz
Concurrent clients	Up to 60
Wireless Security and Authentication	disable, WPA2-PSK, WPA3-PSK, WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3-PSK
Wireless Encryption	AES
WLAN antennas	External

Optical Module

Model	Type	Details ¹	Tx Power (dBm)	Receiver Sensitivity (dBm)	Saturation Received Optical Power (dBm)
SFP-31-12-10	Gigabit Single-mode	SFP, 1310nm, SM, 1.25G, 10km, LC, DDM	-9.5 ~ -3	-20 ~ -3	-3
SFP-850-12	Gigabit Multi-mode	SFP, 850nm, MM, 1.25G, 500m, LC, DDM	-9.5 ~ -4	-18 ~ 0	0
SFPP-850	10-Gigabit Multi-mode	SFP+, 850nm, MM, 10G, 300m, LC	-6 ~ -1	-10 ~ +0.5	+0.5
SFPP-31-10	10-Gigabit Single-mode	SFP+ 1310nm, SM, 10G, 10km, LC	-6 ~ -1	-15 ~ +0.5	+0.5



NOTE

- The received optical power should not exceed saturation received optical power.
- As the transmission distance increases, it's advisable to have a larger power margin. Typically, the power margin ranges from 3 to 6 dB.

¹The details include module form factor, transmission wavelength, optical fiber type, transmission rate, transmission distance, optical connector type, and DDM.

Procurement Information

SKU	SKU Description
LW1005	Basic type with external power supply, 5 Ethernet ports and cable
LW1305	LW1005, with 4G/LTE, 802.11b/g/n and antennas
LW1006	Basic type with external power supply, 5 Ethernet ports and cable
LW1306	LW1006, with 4G/LTE, 802.11ax(Wi-Fi 6) and antennas
LW1506	LW1006, with 5G NR, 802.11ax(Wi-Fi 6) and antennas
LW2003V2	Basic type with external power supply, 1×GE SFP ports, 5×RJ45 ports and cable
LW2303V2	LW2003V2, with 4G/LTE, 802.11b/g/n and antennas
LW2008	Basic type with external power supply, 4×RJ45 ports, 2×GE Combo ports and cable
LW2308	LW2008, with 4G/LTE, 802.11b/g/n and antennas
LW2308-MAPN	LW2008, with 4G/LTE, 802.11b/g/n, antennas and multiple APNs dial-up
LW2508	LW2008, with Qualcomm 5G NR, 802.11b/g/n and antennas
LW2508-MAPN	LW2008, with Qualcomm 5G NR, 802.11b/g/n , antennas and multiple APNs dial-up
LW2508-ZR	LW2008, with UNISOC 5G NR, 802.11b/g/n and antennas
LW2009	Basic type with external power supply, 4×RJ45 ports, 2×GE Combo ports and cable
LW2309	LW2009, with 4G/LTE, 802.11b/g/n and antennas
LW2509	LW2009, with 5G NR, 802.11b/g/n and antennas
LW2009V3	Basic type with external power supply, 6×RJ45 ports, 2×GE SFP ports and cable
LW2309V3	LW2009V3, with 4G/LTE, 802.11b/g/n and antennas
LW2509V3	LW2009V3, with Qualcomm 5G NR, 802.11b/g/n , antennas and multiple APNs dial-up
LW2609V3	LW2009V3, with Qualcomm 5G NR, 802.11ax(Wi-Fi 6) and antennas
CW209	Basic type with 4×RJ45 ports, 4×2.5G RJ45 ports, 2×GE Combo ports
CW239	CW209, with 4G/LTE and antennas
LW2509V3-ZR	LW2009V3, with UNISOC 5G NR, 802.11b/g/n and antennas
LW3001V3	Basic type with 4×RJ45 ports, 2×GE Combo ports and cable
LW3002V2	Basic type with 4×RJ45 ports, 2×GE Combo ports and cable
LW3002V3	Basic type with 6×RJ45 ports, 2×GE SFP ports and cable
LW3003V3	Basic type with 6×RJ45 ports, 1 Pluggable Interface Module slot and cable
LW3007V3	Basic type with 6×RJ45 ports, 1 Pluggable Interface Module slot and cable
LW3003V4	Basic type with 6×RJ45 ports, 1 Pluggable Interface Module slot and cable
LW3007V4	Basic type with 6×RJ45 ports, 1 Pluggable Interface Module slot and cable
LW7007	Basic type with 8×RJ45 ports, 2 Pluggable Interface Module slots and cable
LW7009	Basic type with 8×RJ45 ports, 2 Pluggable Interface Module slots and cable
LW7009V2	Basic type with 8×RJ45 ports, 2 Pluggable Interface Module slots and cable
LW8005	Basic type with 2×RJ45 ports, 4×10GE SFP+, 3 Pluggable Interface Module slots and cable
LW2008-GML	Basic type with external power supply, 4×RJ45 ports, 2×GE Combo ports, an embedded ShangMi Mini PCI-E card and cable
LW2308-GML	LW2008-GML, with 4G/LTE and antennas

SKU	SKU Description
LW2308-GML-MAPN	LW2008-GML, with 4G/LTE, antennas and multiple APNs dial-up
LW2508-GML	LW2008-GML, with Qualcomm 5G NR and antennas
LW2508-GML-MAPN	LW2008-GML, with Qualcomm 5G NR , antennas and multiple APNs dial-up
LW2508-ZR-GML	LW2008-GML, with UNISOC 5G NR, 802.11b/g/n and antennas
LW2009-GML	Basic type with external power supply, 4×RJ45 ports, 2×GE Combo ports, an embedded ShangMi Mini PCI-E card and cable
LW2309-GML	LW2009-GML, with 4G/LTE and antennas
LW2509-GML	LW2009-GML, with 5G NR and antennas
LW2009V3-GML	Basic type with external power supply, 6×RJ45 ports, 2×GE SFP ports, an embedded ShangMi Mini PCI-E card and cable
LW2309V3-GML	LW2009V3-GML, with 4G/LTE
LW2509V3-GML	LW2009V3-GML, with Qualcomm 5G NR
LW2509V3-ZR-GML	LW2009V3-GML, with UNISOC 5G NR
LW3001V3-GML	Basic type with 4×RJ45 ports, 2×GE Combo ports, an embedded ShangMi Mini PCI-E card and cable
LW3002V2-GML	Basic type with 4×RJ45 ports, 2×GE Combo ports and cable
LW3002V3-GML	Basic type with 6×RJ45 ports, 2×GE SFP ports , an embedded ShangMi Mini PCI-E card and cable
LW3003V4-GML	Basic type with 6×RJ45 ports, 1 Pluggable Interface Module slot, an embedded ShangMi Mini PCI-E card and cable
LW3007V4-GM	Basic type with 6×RJ45 ports, 1 Pluggable Interface Module slot, an embedded ShangMi Mini PCI-E card and cable
LW7007-GM	Basic type with 8×RJ45 ports, 2 Pluggable Interface Module slots, an embedded ShangMi PCI-E card and cable
LW7009-GM	Basic type with 8×RJ45 ports, 2 Pluggable Interface Module slots, an embedded ShangMi PCI-E card and cable
LW7009V2-GM	Basic type with 8×RJ45 ports, 2 Pluggable Interface Module slots, an embedded ShangMi PCI-E card and cable
LW8005-GM	Basic type with 2×RJ45 ports,4×10GE SFP+,3 Pluggable Interface Module slots and cable, an embedded ShangMi PCI-E card and cable
PIM-4×GE-SFP	4×GE SFP PIM for LW3000
PIM-8×GE-RJ45	8×GE RJ45 PIM for LW3000
PIM-2×10GE-SFP+	2×10GE SFP+ PIM for LW3000
PIM-4×10GE-SFP+	4×10GE SFP+ PIM for LW3000
PIM-8×GE-RJ45	8×GE RJ45 PIM for LW7000
PIM-8×GE-SFP	8×GE SFP PIM for LW7000
PIM-2×10GE-SFP+-BP	2×10GE SFP+ PIM for LW7000(bypass optional)
PIM-4×10GE-SFP+	4×10GE SFP+ PIM for LW7000
PIM-8×GE-RJ45	8×GE RJ45 PIM for LW8000
PIM-8×GE-SFP	8×GE SFP PIM for LW8000
PIM-2×10GE-SFP+-BP	2×10GE bypass SFP+ PIM for LW8000

SKU	SKU Description
PIM-4×10GE-SFP+	4×10GE SFP+ PIM for LW8000(bypass optional)

For more information: <https://www.lightwan.com>