



AG260

5G NR工業行動通訊閘道器 802.11ax 2x2 雙頻雙流 WI-FI6

產品規格

 <p>802.11ax 雙頻 Wi-Fi 無線網路標準</p>	 <p>GPS 定位 嵌入式 GPS 或 GLONASS系統</p>	 <p>1774 Mbps 2.4GHz : 574Mbps 5GHz : 1200Mbps</p>
 <p>5G NR 5G NR的等效全向輻射功率 達到23dBm</p>	 <p>MU-MIMO 多裝置同時高速傳輸</p>	 <p>TWT 目標喚醒時間 提升能源效率 延長電池壽命</p>
 <p>支援IPv6 較佳的路由效率及最佳化</p>	 <p>M12 X-coded 有效避免EMI干擾</p>	 <p>嚴苛環境運作 滿足低溫-25°C至高溫70°C 的寬溫極端工業環境應用</p>



Wi-Fi		
IEEE 標準	IEEE 802.11 a/b/g/n/ac/ax	
空間串流	2.4Ghz 802.11axg: 574Mbps 5Ghz 802.11axa: 1200 Mbps	
頻寬	2.4GHz: 20/40 MHz 5GHz: 20/40/80 MHz	
MIMO	MU-MIMO	
Radio Chains and Streams	2.4GHz: 2x2:2 5GHz: 2x2:2	
支援頻段及工作頻道	台灣	美國
	2.412 – 2.462 GHz; 11 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz; 12 channels 5.745 – 5.825 GHz; 5 channels	2.412 – 2.462 GHz; 11 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz; 12 channels 5.745 – 5.825 GHz; 5 channels
	歐洲	中國
	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.700 GHz; 11 channels	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.745 – 5.825 GHz; 5 channels
	日本	印度
	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz; 12 channels	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz; 12 channels 5.745 – 5.865 GHz; 7 channels
*工作頻道須視組態之規定網域而定		
Spread Spectrum and Modulation (Typical)	OFDMA / OFDM	

無線接收靈敏度	2.4GHz最大發射功率 (PER CHAIN)		5GHz最大發射功率 (PER CHAIN)	
	MU HE40	MCS0	23dBm±2dBm	MCS0
	MCS11	16dBm±2dBm	MCS11	15dBm±2dBm
MU VHT40	MCS9	20dBm±2dBm	MCS9	17dBm±2dBm
	2.4GHz接收訊號靈敏		5GHz接收訊號靈敏	
HE20	MCS0	<-95dBm	MCS0	<-95dBm
	MCS11	<-67dBm	MCS11	<-66dBm
HE40	MCS0	<-93dBm	MCS0	<-92dBm
	MCS11	<-64dBm	MCS11	<-63dBm
HE80			MCS0	<-90dBm
			MCS11	<-60dBm

介面		
乙太網路: Either M12 or RJ45	M12 type	RJ45 type (optional: customization)
	WAN: 1 x 10/100/1000/1000 Mbps LAN: 4 x 10/100/1000/1000 Mbps	WAN: 1 x 10/100/1000/1000 Mbps LAN: 4 x 10/100/1000/1000 Mbps
其他介面	1 x SFP+ 1 x Reset Button 1 x Micro USB Console 1 x Terminal Block for DC Jack 1 x SD card 2 x SIM Slots (Micro SIM) 2 x SMA connectors (For Wi-Fi) 4 x SMA connectors (For 5G NR) LED indicators	

LED 燈號			
功能	名稱	顏色	定義
系統狀態	PWR	Green	Off: Power off Solid: Power On
	SYS	Red	Off: Normal operation Solid: Initializing Blinking: The system is upgrading (Don't touch nor plug off the power)
	SD	Green	Off: SD card off Solid: SD Card is used.
Wi-Fi 狀態	2G	Green	Off: Wi-Fi 2.4GHz Radio Off On: Wi-Fi 2.4GHz Radio on
	5G	Green	Off: Wi-Fi 5GHz Radio Off On: Wi-Fi 5GHz Radio on
行動通訊狀態	Cellular	Green	Off: Cellular Radio Off Solid: Cellular Radio On
	SIM1	Green	Off: SIM1 is not used. Solid: SIM1 is used.
	SIM2	Green	Off: SIM2 is not used. Solid: SIM2 is used.
行動通訊信號強度	H	Green	3 LEDs Solid (H+M+L): Signal Strong 2 LEDs Solid (M+L): Signal Moderate 1 LED Solid (L): Signal Weak 1 LED Blinking (L): Signal very weak Off: No Signal
	M	Green	
	L	Green	

功耗	電源供應	功耗
	DC Input: 9V-57V terminal blocks	≤36W (daughter board excluded)

5G NR		
天線型態	External SMA x4	
天線增益(最大值)	3dBi	
傳輸功率	23.5 dBm \pm 2 dB for WCDMA bands 23 dBm \pm 2 dB for LTE bands 23 dBm \pm 2 dB for 5G NR bands	
頻帶	5G NR n1*/n2*/n3*/n5*/n7*/n8*/n12*/n20*/n25*/n28*/n41/n48*/n66*/n71*/n77/n78/n79 LTE B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B34/B38/ B39/B40/B41/B42/B46/B48/B66/B71 *工作頻道須視組態之規定網域而定	
GNSS	GPS/ GLONASS	
工作環境	存儲	運作
	溫度: -40~70°C 濕度: 5-95%	溫度: -25~70°C 濕度: 5-95%
子板-額外功能(可選擇)		
功能	Will support: <ul style="list-style-type: none">• 802.3bt PoE in• RS485• USB 2.0• BT 5.2• Tri-Band (supports Wi-Fi 6E 4x4 11ax module)	
外型規格		
安裝方式	Wall -mounting/ DIN-RAIL	
外觀尺寸	L215 x W118.5 x H60 mm	
靜電防護等級	IEC61000-4-2(Criteria B) Air: \pm 8kV Contact: \pm 4kV	
環保規格	RoHS compliant; WEEE	
保固	1 year	
標準合規	NCC/ BSMI EN 50155; EN50121-1/4 EN55032 & EN55035 EN 45545-2 IEEE standards: IEEE 802.11a/b/g/n/ac/ax	