

Cisco Wireless WAN Routers and Modules

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The latest enhancements in cellular connectivity and SD-WAN are allowing enterprises to augment their primary WAN connection with wireless using an active/active configuration. Faster speeds mean that wireless can be considered as primary connectivity alongside Internet and MPLS modes of transport. In addition, a wireless WAN also helps to bring up locations in remote places where MPLS or alternative connectivity is nonexistent.

Cisco's gigabit class, wireless WAN solutions offer 5G with new bands, enhanced capabilities and the ability to easily utilize 5G as both primary or backup connectivity. In addition to the industry's first SD-WAN 5G pluggable module, Cisco's cellular innovations provide secure connectivity, additional WAN coverage, and increased deployment flexibility. With Cisco SD-WAN, both enterprises and managed service providers can enable simplified cellular deployment and management.

Cisco® embedded and modular cellular offerings combine the latest generation of cellular technology with Cisco SD-WAN to provide your network with best-in-class security, performance, and wireless access.

Cisco Catalyst 8000 Edge Platforms Family and the 4000 Series ISRs, in addition to higher performance and slot capacity, offer pluggable cellular options that bring fixed wireless access to both traditional and SD-WAN networks in the enterprise branch, allowing greater flexibility of WAN connectivity.

Cisco 1000 Series Integrated Services Routers (ISRs) offer both embedded and pluggable cellular options and are well suited for deployment as Customer Premises Equipment (CPE) in enterprise branch offices and in service provider-managed environments, as well as for environments requiring a smaller form factor and Machine-to-Machine (M2M) use cases.

Note: Not all 5G/LTE SKU variants are available in every region with different technologies (check the Cisco Commerce [CCW] price list for your region).

Cisco Cellular Offerings

Cisco offers the broadest selection of SD-WAN ready cellular products together with its Enterprise Routing portfolio for all deployment types.

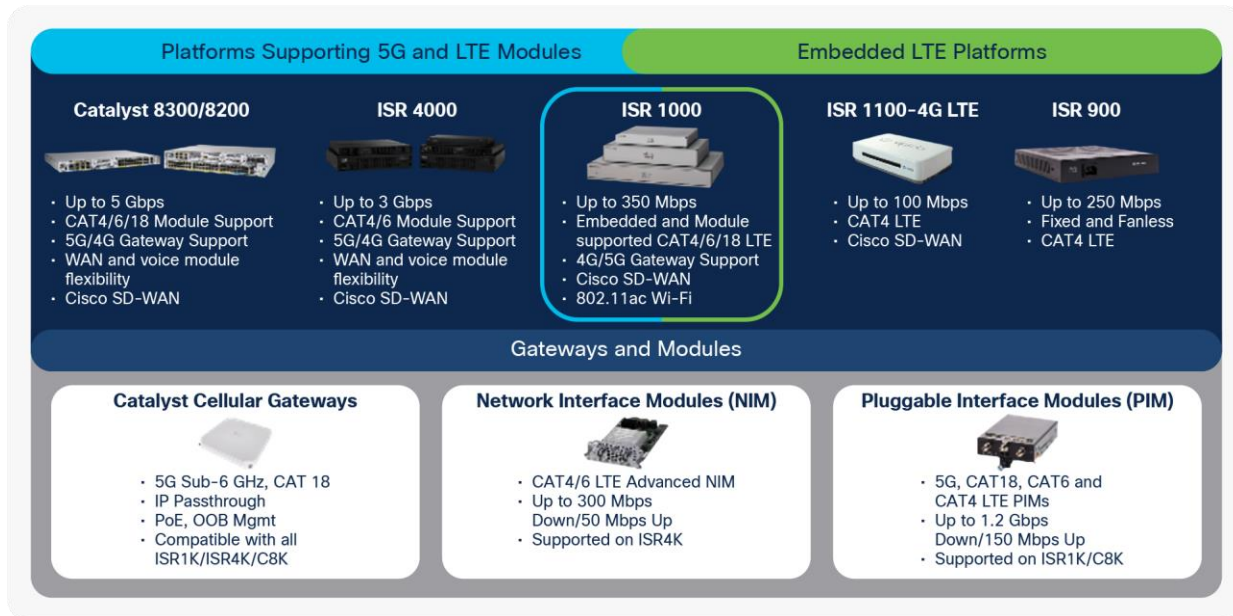


Figure 1.
Cisco Cellular WAN Platform Support

Offering Flexibility and Investment Protection

Cisco platforms offer the flexibility of fixed and modular options for enterprise deployments of all sizes. The 5G Pluggable Interface Module (PIM) offers **gigabit-plus throughput** allowing customers to build their networks with cellular as a primary connection type.

Ordering the Cisco cellular platforms

Note: Regarding the product ID (PID) naming below: For WWAN LTE Advanced Mobility, “LTEEA” applies to Europe, the Middle East, Africa, and Russia (EMEAR) and North America, and “LTELA” applies to Asia Pacific (APAC) and Latin America (LATAM).

Table 1 gives the SKUs for all Cisco cellular-enabled routers and modules, platforms the modules are supported on, cellular category, throughput, supported cellular bands, and SD-WAN support.

Table 1. Cisco cellular modules (for country availability, please refer to CCW)

Product ID	Supported on	Cellular	Download/upload bandwidth	Bands supported	SD-WAN
P-5GS6-GL(=)	C8300-1N1S-6T	5G	3.3 Gbps/400 Mbps	5G FR1 – n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n38, n40, n41, n48, n66, n71, n77, n78, n79 LTE bands 1-5, 7-8, 12-14, 17-20, 25, 26, 28-30, 32, 34, 38-43, 46(LAA), 48(CBRS), 66 and 71	Yes
	C8300-1N1S-4T2X				
	C8300-2N2S-6T				
	C8300-2N2S-4T2X				
	C1101-4PLTEP(W)*				
	C1109-4PLTE2P*				
	C1121-4PLTEP(W)*				
	C1121(X)-8PLTEP*				
	C1126(X)-8PLTEP*				
	C1127(X)-8P(M)LTEP*				
	C1128-8PLTEP*				
	C1161(X)-8PLTEP*				
	*Roadmap				

Product ID	Supported on	Cellular	Download/upload bandwidth	Bands supported	SD-WAN
P-LTEAP18-GL(=)	C8300-1N1S-6T	CAT18	1.2 Gbps/ 150 Mbps	LTE bands 1-5, 7, 8, 12-14, 17-20, 25, 26, 28-30, 32, 38-43, 46, 48, 66, and 71	Yes
	C8300-1N1S-4T2X			FDD LTE 600 MHz (band 71), 700 MHz (bands 12, 13, 14, 17, 28, and 29), 800 MHz (band 20), 850 MHz (bands 5, 18, 19, and 26), 900 MHz (band 8), 1500 MHz (band 32), 1700 MHz (bands 4 and 66), 1800 MHz (band 3), 1900 MHz (bands 2 and 25), 2100 MHz (band 1), 2300 MHz (band 30), 2600 MHz (band 7)	
	C8300-2N2S-6T			TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), 2600 MHz (band 38), 3500 MHz (bands 42 and 48), 3700 MHz (band 43), and 5200 MHz (band 46)	
	C8300-2N2S-4T2X				
	C1101-4PLTEP(W)				
	C1109-4PLTE2P				
	C1121-4PLTEP(W)				
	C1121(X)-8PLTEP				
	C1126(X)-8PLTEP				
	C1127(X)-8P(M)LTEP				
	C1128-8PLTEP				
	C1161(X)-8PLTEP				
D-LTE-AS(=)	C1101-4P	CAT4	75 Mbps/ 50 Mbps	LTE bands 1 (2100 MHz), 3 (1800 MHz), 5 (850 MHz), 8 (900 MHz), 40 (2300 MHz), and 41 (2500 MHz)	No
	C1101-4PLTEP(W)				
	C1121-4P				
	C1121-4PLTEP(W)				
	C1121-8P				
	C1121(X)-8PLTEP				
	C1126(X)-8PLTEP				
	C1127(X)-8P(M)LTEP				
	C1128-8PLTEP				
	C1161(X)-8P				
	C1161(X)-8PLTEP				

Product ID	Supported on	Cellular	Download/upload bandwidth	Bands supported	SD-WAN
D-LTE-NA(=)	C1101-4P C1101-4PLTEP(W) C1121-4P C1121-4PLTEP(W) C1121-8P C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8P C1161(X)-8PLTEP	CAT4	75 Mbps/ 50 Mbps	LTE bands 2 (1900 MHz), 4 (1700 MHz), 5 (850 MHz), 12 (700 MHz), 13 (700 MHz), 14 (700 MHz), 17 (700 MHz), and 66 (1700 MHz)	No
D-LTE-GB(=)	C1101-4P C1101-4PLTEP(W) C1121-4P C1121-4PLTEP(W) C1121-8P C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8P C1161(X)-8PLTEP	CAT4	75 Mbps/ 50 Mbps	LTE bands 1 (2100 MHz), 3 (1800 MHz), 7 (2600 MHz), 8 (900 MHz), 20 (800 MHz), and 28 (700 MHz)	No
NIM-4G-LTE-GA(=)	All Cisco 4200, 4300, and 4400 Series ISRs and ENCS 5400	CAT3	100 Mbps/ 50 Mbps	Europe, Australia, LTE bands 1, 3, 7, 8, and 20 (800 MHz [band 20], 900 MHz [band 8], 1800 MHz [band 3], 2100 MHz [band 1], and 2600 MHz [band 7])	No

Product ID	Supported on	Cellular	Download/upload bandwidth	Bands supported	SD-WAN
NIM-4G-LTE-LA(=)	All Cisco 4200, 4300, and 4400 Series ISRs and ENCS 5400	CAT4	150 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7)</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations: 1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	No
NIM-4G-LTE-NA(=)	All Cisco 4200, 4300, and 4400 Series ISRs and ENCS 5400	CAT3	100 Mbps/ 50 Mbps	North America (ATT), LTE band 2 PCS (1900 MHz), band 5 (850 MHz), band 4 AWS (1700/2100 MHz), and band 17 (700 MHz)	No
NIM-4G-LTE-ST(=)	All Cisco 4200, 4300, and 4400 Series ISRs and ENCS 5400	CAT3	100 Mbps/ 50 Mbps	Sprint, LTE band 25 extended PCS (1900 MHz)	No
NIM-4G-LTE-VZ(=)	All Cisco 4200, 4300, and 4400 Series ISRs and ENCS 5400	CAT3	100 Mbps/ 50 Mbps	Verizon, LTE band 4 AWS (1700 and 2100 MHz), and band 13 (700 MHz)	No
NIM-LTEA-EA(=)	All Cisco 4200, 4300, and 4400 Series ISRs and ENCS 5400	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1-5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations: 1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	No

Product ID	Supported on	Cellular	Download/upload bandwidth	Bands supported	SD-WAN
NIM-LTEA-LA(=)	All Cisco 4200, 4300, and 4400 Series ISRs and ENCS 5400	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7)</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations: 1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	No
P-LTEA-EA(=)	C1101-4PLTEP(W) C1109-4PLTE2P(W) C1121-4PLTEP(W) C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8PLTEP	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1-5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations: 1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
P-LTEA-LA(=)	C1101-4PLTEP(W) C1109-4PLTE2P(W) C1121-4PLTEP(W) C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8PLTEP	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7)</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations: 1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	Yes

Product ID	Supported on	Cellular	Download/upload bandwidth	Bands supported	SD-WAN
P-LTE-GB(=)	C1101-4PLTEP(W) C1109-4PLTE2P(W) C1121-4PLTEP(W) C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8PLTEP	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 7, 8, 20, and 28 FDD LTE 700 MHz (band 28), 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)	Yes
P-LTE-US(=)	C1101-4PLTEP(W) C1109-4PLTE2P(W) C1121-4PLTEP(W) C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8PLTEP	CAT4	150 Mbps/ 50 Mbps	LTE bands 2, 4, 5, and 12 FDD LTE 700 MHz (band 17), 700 MHz (band 12), 850 MHz (band 5 CLR), and 1700 and 2100 MHz (band 4 AWS)	Yes
P-LTE-VZ(=)	C1101-4PLTEP(W) C1109-4PLTE2P(W) C1121-4PLTEP(W) C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8PLTEP	CAT4	150 Mbps/ 50 Mbps	LTE bands 4 and 13 FDD LTE 700 MHz (band 13), and 1700 and 2100 MHz (band 4 AWS)	Yes

Product ID	Supported on	Cellular	Download/upload bandwidth	Bands supported	SD-WAN
P-LTE-IN(=)	C1101-4PLTEP(W) C1109-4PLTE2P(W) C1121-4PLTEP(W) C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8PLTEP	CAT4	150 Mbps/ 50 Mbps	Bands 1, 3, 5, 8, 40, 41	No
P-LTE-JN	C1101-4PLTEP(W) C1109-4PLTE2P(W) C1121-4PLTEP(W) C1121(X)-8PLTEP C1126(X)-8PLTEP C1127(X)-8P(M)LTEP C1128-8PLTEP C1161(X)-8PLTEP	CAT4	150 Mbps/ 50 Mbps	LTE Bands 1, 3, 8, 11, 18, 19, 21	No
WIM-LTE-AS	C841M-4X C841M-8X	CAT4	150 Mbps/ 50 Mbps	<ul style="list-style-type: none"> • LTE Category 4: Bands 1, 3, 5, 8, 40, and 41 • HSPA+, UMTS: Bands 1 and 8 • EDGE, GSM, GPRS: 900/1800 • Frequency (MHz): 1920-1980, 2110-2170, 1710-1785, 1805-1880, 824-849, 869-894, 880-915, 925-960, and 2300-2400 	No
WIM-LTE-LT	C841M-4X C841M-8X	CAT4	150 Mbps/ 50 Mbps	WIM-LTE-LT <ul style="list-style-type: none"> • LTE Category 4: Bands 2, 4, 5, and 12 • HSPA+: Bands 2, 4, and 5 	No
WIM-LTE-AL	C841M-4X C841M-8X	CAT4	150 Mbps/ 50 Mbps	WIM-LTE-AL <ul style="list-style-type: none"> • LTE Category 4: Bands 1, 3, 7, 8, 20, and 28 • HSPA+, UMTS: Bands 1 and 8 • EDGE, GSM, GPRS: 900/1800 	No

Table 2. Cisco cellular embedded routers (for country availability, refer to CCW)

Product ID	LTE	Download/ upload Bandwidth	Bands supported	SD-WAN
C1109-2PLTEGB	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 7, 8, 20, and 28 FDD LTE 700 MHz (band 28), 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)	Yes
C1109-2PLTEUS	CAT4	150 Mbps/ 50 Mbps	LTE bands 2, 4, 5, and 12 FDD LTE 700 MHz (band 17), 700 MHz (band 12), 850 MHz (band 5 CLR), and 1700 and 2100 MHz (band 4 AWS)	Yes
C1109-2PLTEVZ	CAT4	150 Mbps/ 50 Mbps	LTE bands 4 and 13 FDD LTE 700 MHz (band 13) and 1700 and 2100 MHz (band 4 AWS)	Yes
C1111-4PLTEEA	CAT6	300 Mbps/ 50 Mbps	LTE bands 1–5, 7, 12, 13, 20, 25, 26, 29, 30, and 41 FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7) TDD LTE 2500 MHz (band 41) Carrier aggregation band combinations: 1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41	Yes
C1111-4PLTELA	CAT6	300 Mbps/ 50 Mbps	LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41. FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7) TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38) Carrier aggregation band combinations: 1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41	Yes

Product ID	LTE	Download/ upload Bandwidth	Bands supported	SD-WAN
C1111-8PLTEEA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1–5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1111-8PLTEEA WX* (Wi-Fi domain WX; X = A, B, E, R)	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1–5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1111-8PLTELA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7)</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations:</p> <p>1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	Yes
C1111-8PLTELA WY* (Wi-Fi domain WY; Y = D, F, H, N, Q, Z S, E, and A)	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7)</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations:</p> <p>1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	Yes

Product ID	LTE	Download/ upload Bandwidth	Bands supported	SD-WAN
C1112-8PLTEEA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1–5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1112-8PLTEEA WE	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1–5, 7, 12, 13, 20, 25, 26, 29, 30, and 41.</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7).</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1113-8PLTEEA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1–5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes

Product ID	LTE	Download/ upload Bandwidth	Bands supported	SD-WAN
C1113-8PLTEEA WX* (Wi-Fi domain WX; X = B, E)	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1–5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1113-8PLTELA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7).</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations:</p> <p>1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	Yes
C1113-8PLTELA WZ	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7)</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations:</p> <p>1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	Yes
C1113-8PMLTEEA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1–5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes

Product ID	LTE	Download/ upload Bandwidth	Bands supported	SD-WAN
C1116-4PLTEEA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1-5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7).</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1116-4PLTEEA WE	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1-5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1117-4PLTEEA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1-5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1117-4PLTEEA WX* (Wi-Fi domain WX; X = A, E)	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1-5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations:</p> <p>1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes

Product ID	LTE	Download/ upload Bandwidth	Bands supported	SD-WAN
C1117-4PLTELA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7)</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations: 1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	Yes
C1117-4PLTELA WZ	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1, 3, 5, 7, 8, 18, 19, 21, 28, 38, 39, 40, and 41</p> <p>FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 850 MHz (bands 18 and 19 Low), 900 MHz (band 8), 1500 MHz (band 21), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7)</p> <p>TDD LTE 1900 MHz (band 39), 2300 MHz (band 40), 2500 MHz (band 41), or 2600 MHz (band 38)</p> <p>Carrier aggregation band combinations: 1+(8,18,19,21); 3+(5,7,19,28); 7+(5,7,28); 19+21, 38+38, 39+39,40+40, and 41+41</p>	Yes
C1117-4PMLTEEA	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1-5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations: 1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes
C1117-4PMLTEEA WE	CAT6	300 Mbps/ 50 Mbps	<p>LTE bands 1-5, 7, 12, 13, 20, 25, 26, 29, 30, and 41</p> <p>FDD LTE 700 MHz (band 12), 700 MHz (band 29), 800 MHz (band 20), 850 MHz (band 5 CLR), 850 MHz (band 26 Low), 900 MHz (band 8), 1800 MHz (band 3), 1900 MHz (band 2), 1900 MHz (PCS band 25), 1700 and 2100 MHz (band 4 AWS), 2100 MHz (band 1), 2300 MHz (band 30), or 2600 MHz (band 7)</p> <p>TDD LTE 2500 MHz (band 41)</p> <p>Carrier aggregation band combinations: 1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30, 5+30, and 41+41</p>	Yes

Product ID	LTE	Download/ upload Bandwidth	Bands supported	SD-WAN
C921-4PLTEAU	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 5, 7, 8, and 28 FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)	No
C921-4PLTEAS	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 5, 8, 40, 41 FDD LTE 850 MHz (band 5 CLR), 900 MHz (band 8), 1800 MHz (band 3), and 2100 MHz (band 1). TDD LTE 2300 MHz (band 40), and 2500 MHz (band 41)	No
C921-4PLTEGB	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 7, 8, 20, and 28 FDD LTE 700 MHz (band 28), 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)	No
C926-4PLTEGB	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 7, 8, 20, and 28 FDD LTE 700 MHz (band 28), 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)	No
C927-4PLTEAU	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 5, 7, 8, and 28 FDD LTE 700 MHz (band 28), 850 MHz (band 5 CLR), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)	No
C927-4P(M)LTEGB	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 7, 8, 20, and 28 FDD LTE 700 MHz (band 28), 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)	No
C927-4PLTENA	CAT4	150 Mbps/ 50 Mbps	LTE bands 1, 3, 7, 8, 20, and 28 FDD LTE 700 MHz (band 28), 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)	No

Product ID	LTE	Download/ upload Bandwidth	Bands supported	SD-WAN
ISR1100-4GLTEGB	CAT4	150 Mbps/50 Mbps	LTE: Bands 1, 3, 7, 8, 20, and 28 HSPA+, UMTS: Bands 1 and 8 GSM/GPRS/EDGE: E-GSM 900 MHz, DCS 1800 MHz	Yes
ISR1100-4GLTENA	CAT4	150 Mbps/ 50 Mbps	LTE: Bands 2, 4, 5, 12, 13, 14, 17, and 66 UMTS: Bands 2, 4, and 5	Yes

Optional WAN pluggable LTE module selection (5G,CAT18 LTE Advanced Pro, CAT6 LTE Advanced, or CAT4 LTE):

- Firmware selection is required for 5G,LTE Advanced and LTE Advanced Pro.

OPTION SELECTION C1121-4PLTEP ⓘ

Global Price List US Availability (USD)

Configuration Summary [View Full Summary](#)

Country Specification ⓘ

Select Country (Not Required) ▼

Category ⓘ

Qty

Extended List Price (USD)

CISCO WAN PLUGGABLE

Cisco WAN Pluggable

P-LTEAP18-GL ⓘ 1 1,840.00

LTE-ANTM2-SMA-D ⓘ 2 0.00

Cisco WAN USB Dongle

CONFIGURATION

Virtual Office

CISCO WAN PLUGGABLE ACCESSORY

Cisco WAN Pluggable Accessory

Subtotal 3,210.00

Estimated Lead Time 28 days

Reset Configuration

Cancel Done

Warnings (4):

- This order will be placed on compliance hold .For questions and lead time dates with specific 1100 Series compliance hold PIDs, email to 1100compliance@support.cisco.com. (CE202182)
- A selection of 1 IOS Software Version and Tvoe is required. Please adjust the selections. (CE200439)

Option Search ⓘ Multiple Options Search ⓘ ▼

C1121-4PLTEP > Cisco WAN Pluggable [Key](#) ▼

LTE Advanced | LTE | LTE Advanced PRO

SKU	Qty	Estimated Lead Time ⓘ	Unit List Price (USD)
<input checked="" type="checkbox"/> P-LTEAP18-GL ⓘ CAT18 LTE Advanced PRO Pluggable for ALL Global Regions More	1	28 days	1,840.00

Show Incompatible SKUs

Figure 2.
CCW firmware ordering

OPTION SELECTION C1121-4PLTEP ⓘ

Global Price List US Availability (USD)

Configuration Summary

View Full Summary

Country Specification ⓘ

Select Country (Not Required)

Category ⓘ	Qty	Extended List Price (USD)
Cisco WAN Pluggable		
P-LTEAP18-GL	1	1,840.00
FW-LM960-LTE-GN	1	0.00
LTE-ANTM2-SMA-D ⓘ	2	0.00
Cisco WAN USB Dongle		
D-LTE-GB	1	--
CONFIGURATION		
Virtual Office		
CISCO WAN PLUGGABLE ACCESSORY		
Subtotal		--
Estimated Lead Time		28 days

Reset Configuration
Cancel
Done

Warnings (5):

- This order will be placed on compliance hold .For questions and lead time dates with specific 1100 Series compliance hold PIDs,email to 1100compliancesupport@cisco.com. (CE202182)
- LTE Donale is suooorted on all ISR1K platforms. It is recommended to use it on Non-DSL platforms in India. China. ASEAN and North

Option Search ⓘ

Multiple Options Search ⓘ

C1121-4PLTEP > Cisco WAN Pluggable > LTE Advanced PRO > P-LTEAP18-GL

Key ▾

Firmware

SKU	Qty	Estimated Lead Time ⓘ	Unit List Price (USD)
<input type="radio"/> FW-LM960-LTE-VZ ⓘ ⓘ FW Switching Load for LM960 Verizon More	Qty	28 days	0.00
<input type="radio"/> FW-LM960-LTE-AT ⓘ ⓘ FW Switching Load for LM960 AT&T More	Qty	28 days	0.00
<input checked="" type="radio"/> FW-LM960-LTE-GN FW Switching Load for LM960 Generic - Europe More	1	28 days	0.00

Clear Selection | Show Incompatible SKUs

Figure 3.
CCW WAN pluggable firmware selection

Optional WAN USB LTE selection (CAT4 LTE dongle):

- Cisco IOS® Software version and type (16.12.X is required with dongle) must be selected.
- Magnetic holder is an accessory PID. It is available under LTE-Dongle.

Configuration Summary

View Full Summary

Country Specification ⓘ

Select Country (Not Required)

Category ⓘ	Qty	Extended List Price (USD)
Power Cables ⓘ		
Eco-Friendly		
GREEN-OPTION	1	0.00
Mounting		
Small Form Factor Pluggable		
Console		
Ethernet Cable		
CISCO WAN PLUGGABLE		
Cisco WAN USB Dongle		
Subtotal		1,155.00
Estimated Lead Time		28 days

Reset Configuration
Cancel
Done

Warnings (5):

- This order will be placed on compliance hold .For questions and lead time dates with specific 1100 Series compliance hold PIDs,email to 1100compliancesupport@cisco.com. (CE202182)
- A selection of 1 IOS Software Version and Type is required. Please adjust the selections. (CE200439)

Option Search ⓘ

Multiple Options Search ⓘ

LTE-Dongle

SKU	Qty	Estimated Lead Time ⓘ	Unit List Price (USD)
<input type="radio"/> D-LTE-GB ⓘ ⓘ ⓘ CAT4 LTE Dongle WP7607-G EMEAR More	1	28 days	--
<input type="radio"/> D-LTE-AS ⓘ ⓘ ⓘ CAT4 LTE Dongle for ASEAN More	1	28 days	500.00

Show Incompatible SKUs

OPTION SELECTION C1121-4P Global Price List in US Dollars (USD)

Configuration Summary [View Full Summary](#)

Country Specification ⓘ
Select Country (Not Required) ▼

Category ⓘ **Qty** **Extended List Price (USD)**

Virtual Office

POWER OVER ETHERNET ▲

PoE Module

CABLES AND ACCESSORIES ▲

Power Cables ⓘ

Eco-Friendly

GREEN-OPTION 1 --

Mounting

Small Form Factor Pluggable

Warnings (7):

- This order will be placed on compliance hold For questions and lead time dates with specific 1100 Series compliance hold PIDs, email to litedonglecompliancesupport@cisco.com. (CE202182)
- This order will be placed on compliance hold For questions and lead time dates with specific 1100 Series compliance hold PIDs email

Option Search ⓘ **Multiple Options Search** ⓘ ▼

C1121-4P > Cisco WAN USB Dongle > LTE-Dongle > D-LTE-AS Key ▼

Magnetic Holder

SKU	Qty	Estimated Lead Time ⓘ	Unit List Price (USD)
<input type="radio"/> D-MHLD PLH CAT4 LTE Dongle Magnet Holder More	1	28 days	--

[Show Incompatible SKUs](#)

Figure 4.
CCW WAN USB dongle and WAN dongle accessory ordering for C1101-4PLTEP

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Sustainability topic	Reference
Information on product material content laws and regulations	Materials
Information on electronic waste laws and regulations, including products, batteries, and packaging	WEEE compliance

Cisco makes the packaging data available for informational purposes only. It may not reflect the most current legal developments, and Cisco does not represent, warrant, or guarantee that it is complete, accurate, or up to date. This information is subject to change without notice.

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