

Date:	2/20/2019	Product Category:	ePMP
Region:	<input checked="" type="checkbox"/> APAC <input checked="" type="checkbox"/> CALA <input checked="" type="checkbox"/> EMEA <input checked="" type="checkbox"/> NA	Published For:	Partner Type: <input checked="" type="checkbox"/> Master Distributors <input type="checkbox"/> Distributors <input type="checkbox"/> Direct Partners
Subject:	Introducing ePMP™ 3000L Access Point and ePMP Force 300 CSM (Connectorized Subscriber Module)		

1. Notice:

This DN introduces the ePMP 3000L Access Point and the Force 300 CSM (Connectorized Subscriber Module). The notice lists new SKUs and associated list prices.

Pre-Order Date: February 20, 2019

First Available Ship Date: March 15, 2019

Public Launch Date: April 9, 2019

2. Public Announcement/Channel Marketing:

IMPORTANT: Do not advertise publicly until after Cambium Networks' public launch on **April 9, 2019**. Specification sheets and product photography will be available on the Cambium partner portal by the end of February.

Wireless service providers and enterprises around the globe are challenged to deliver reliable connectivity in overcrowded RF environments. As spectrum increasingly becomes a scarce commodity, finding the right broadband connectivity solution is vital for all low- and high-density types of deployments.

The ePMP 3000L is ideal for low-density, small subscriber-count sectors as a complement to full-scale ePMP 3000 deployments. The connectorized 3000L is versatile and can be deployed three ways:

- With a standard 90/120-degree sector (bracket included for the Cambium Sector Antenna)
- With a narrow-sector horn antenna using the RF Elements Twistport™ ePMP adaptor
- With a 360-degree omni-directional antenna

Oftentimes the ePMP 3000L is deployed in concert with the ePMP 3000 to provide coverage in hard-to-reach areas that have low subscriber density (sometimes referred to as micropop applications). Because the ePMP 3000L supports GPS synchronization, it can be deployed alongside the ePMP 3000 with limited self-interference, which increases the overall spectral efficiency.

In other cases, the ePMP 3000L is a lower-cost approach to getting started with the latest 802.11ac Wave 2 based Force 300 subscriber modules. ePMP 3000L is a 2x2 connectorized radio so does not support the 4x4 MU-MIMO antenna or smart beam-steering antenna that is available with the ePMP 3000.

The ePMP Force 300 CSM is a connectorized subscriber module providing the operator flexibility in selecting from a wide variety of antenna options, including parabolic dishes and horn antennas using the RF Elements Twistport ePMP adaptor.

Features and Capabilities:

- The ePMP 3000L:
 - Is a 2x2 MIMO Access Point based on 802.11ac Wave 2 technology leveraging the proven ePMP operating software
 - Has a built-in GPS receiver for TDD sync (and a connector for an external GPS antenna)
 - Supports 20/40/80 MHz channels and up to 256QAM for a throughput of up to 600 Mbps
 - Has two RP-SMA connectors for use with the Cambium 90/120-degree sector (bracket included), RF Elements Twistport ePMP adaptor for horn antennas, or other third-party horn, omni, or sector antennas
- The ePMP Force 300 CSM:
 - Is a 2x2 Connectorized Subscriber Module based on 802.11ac Wave 2 technology leveraging the ePMP operating software
 - Has two RP-SMA connectors for use with 2x2 parabolic dishes; also compatible with the RF Elements Twistport ePMP adaptor to integrate with a variety of horn antenna options
 - Supports 20/40/80 MHz channels and up to 256QAM for a throughput of up to 600 Mbps
 - Is compatible with the ePMP 3000 and ePMP 3000L Access Points
- Both radios support:
 - Management with the cnMaestro™ cloud or on-premises network management solution
 - Configurable options for high throughput and low round-trip latency
 - QoS management for outstanding delivery of triple play services—VoIP, video, and data—and provides three levels of traffic priority
 - Capacity and performance planning with Cambium LINKPlanner

3. ePMP 300L Part Numbers Available for Booking:

Part Number	Description	MSRP (USD)	Discount Code	Effective Date	Shipping Weight (per unit)	Shipping Dimensions (per unit)	HTS Code	COO	ECCN	Box Count	Deal Reg Eligible?	Demo Program	MDP
C058910A122A	ePMP 3000L 5 GHz Access Point Radio (FCC) (US cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1.a	20	N	N	Y
C050910A124A	ePMP 3000L 5 GHz Access Point Radio (IC) (Canada/US cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1.a	20	N	N	Y
C050910A223A	ePMP 3000L 5 GHz Access Point Radio (EU) (EU cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1.a	20	N	N	Y
C050910A323A	ePMP 3000L 5 GHz Access Point Radio (EU) (UK cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000	China	5A00 2.a.1.a	20	N	N	Y

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							NA: 8517.62.0090						
C050910A021A	ePMP 3000L 5 GHz Access Point Radio (ROW) (no cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A121A	ePMP 3000L 5 GHz Access Point Radio (ROW) (US cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A221A	ePMP 3000L 5 GHz Access Point Radio (ROW) (EU cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A321A	ePMP 3000L 5 GHz Access Point Radio (ROW) (UK cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A421A	ePMP 3000L 5 GHz Access Point Radio (ROW) (India cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A422A	ePMP 3000L 5 GHz Access Point Radio (India) (India Cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A521A	ePMP 3000L 5 GHz Access Point Radio (ROW) (China cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A621A	ePMP 3000L 5 GHz Access Point Radio (ROW) (Brazil cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A721A	ePMP 3000L 5 GHz Access Point Radio (ROW) (Argentina cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910A821A	ePMP 3000L 5 GHz Access Point Radio (ROW) (ANZ cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000	China	5A00 2.a.1. a	20	N	N	Y

Part Number	Description	MSRP (USD)	Discount Code	Effective Date	Shipping Weight (per unit)	Shipping Dimensions (per unit)	HTS Code	COO	ECCN	Box Count	Deal Reg Eligible?	Demo Program	MDP
							NA: 8517.62.0090						
C050910A921A	ePMP 3000L 5 GHz Access Point Radio (ROW) (South Africa cord)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y
C050910AZ21A	ePMP 3000L 5 GHz Access Point Radio (ROW) (No PSU)	\$399	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A00 2.a.1. a	20	N	N	Y

4. ePMP Force 300 CSM (Connectorized Subscriber Module) Part Numbers Available for Booking:

Part Number	Description	MSRP (USD)	Discount Code	Effective Date	Shipping Weight (per unit)	Shipping Dimensions (per unit)	HTS Code	COO	ECCN	Box Count	Deal Reg Eligible?	Demo Program	MDP
C058910C122A	ePMP 5 GHz Force 300 CSM Radio (FCC) (US cord)	\$199	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C124A	ePMP 5 GHz Force 300 CSM Radio (IC) (Canada/US cord)	\$199	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C223A	ePMP 5 GHz Force 300 CSM Radio (EU) (EU cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C323A	ePMP 5 GHz Force 300 CSM Radio (EU) (UK cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C021A	ePMP 5 GHz Force 300 CSM Radio (ROW) (no cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C121A	ePMP 5 GHz Force 300 CSM Radio (ROW) (US cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y

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C050910C221A	ePMP 5 GHz Force 300 CSM Radio (ROW) (EU cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C321A	ePMP 5 GHz Force 300 CSM Radio (ROW) (UK cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C421A	ePMP 5 GHz Force 300 CSM Radio (ROW) (India cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C422A	ePMP 5 GHz Force 300 CSM Radio (India) (India Cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C521A	ePMP 5 GHz Force 300 CSM Radio (ROW) (China cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C621A	ePMP 5 GHz Force 300 CSM Radio (ROW) (Brazil cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C721A	ePMP 5 GHz Force 300 CSM Radio (ROW) (Argentina cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C821A	ePMP 5 GHz Force 300 CSM Radio (ROW) (ANZ cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910C921A	ePMP 5 GHz Force 300 CSM Radio (ROW) (South Africa cord)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y
C050910CZ21A	ePMP 5 GHz Force 300 CSM Radio (ROW) (No PSU)	\$189	ePMP	2/20/2019	1.0 kg (2.2 lbs.)	292 x 143 x 89 mm (11.5 x 5.625x 3.5 in.)	EMEA: 8517.62.0000 NA: 8517.62.0090	China	5A002 .a.1.a	20	N	N	Y

5. FAQ:

Q.	What does box count refer to in the table above?
A.	Each radio comes packaged in its own box. The box count is the number of units in each overpack box. Orders for these radios must be made in multiples of the box count quantity.
Q.	In which regions are the ePMP 3000L and Force 300 CSM available?
A.	The ePMP 3000L and Force 300 CSM are available in all regions.
Q.	Does the ePMP 3000L support 4x4 MU-MIMO and uplink beam-steering?
A.	No. 4x4 MU-MIMO is available in the ePMP 3000 when used with the 4x4 MU-MIMO sector antenna. The uplink smart beam-steering antenna can be used with the ePMP 2000 or ePMP 3000 but NOT with the ePMP 3000L.
Q.	Can the ePMP 3000L be upgraded to the ePMP 3000?
A.	No. The ePMP 3000 and ePMP 3000L are different hardware platforms. They both use 802.11ac2 Wave 2 technology, but there is no upgrade path between the platforms.
Q.	Does the ePMP 3000L provide backward compatibility to 802.11n subscriber modules such as the Force 180, Force 190, or Force 200? What about units that have been Elevated?
A.	Yes, the ePMP 3000L can operate in 802.11n backward compatible mode to interoperate with ePMP Force 180/190/200 SMs as well as Elevated (XM and XW) devices.
Q.	What is the warranty on the ePMP 3000L and the Force 300 CSM?
A.	All ePMP radios ship with a standard 3-year warranty.

6. Reference Material on the Web:

Cambium Networks Website: www.cambiumnetworks.com

Cambium ConnectedPartner portal: <https://channel.cambiumnetworks.com/>

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