

# Model Comparison

	Single Cellular Embedded Modem			Multiple Cellular Embedded Modem				Universal Dongle		Outdoor		
	BR1 MAX-BR1-*	BR1 Slim MAX-BR1-Slim-*	BR1 ENT MAX-BR1-ENT*	HD2 MAX-HD2-*	HD2 mini MAX-HD2-mini*	HD4 MAX-HD4*	HD2/4 with MediaFast MAX-HD2-MFA-* MAX-HD4-MFA-*	On-The-Go MAX-OTG-U4-SF	700 MAS-GN2-R	BR1/2 IP55 MAX-BR1*-IP55 MAX-BR2*-IP55	HD2 IP67 MAX-HD2*-IP67	
<b>Cellular WAN</b>												
Embedded 4G LTE/3G	1	1	1	2	2	4	2/4	○	○	1/2 <sup>a</sup>	2	
Redundant SIM Slots	●	●	●	○	●	●	●	○	○	○	●	
USB 4G LTE/3G WAN	○	○	1	1	1	1	1	4	4	○	○	
<b>WAN</b>												
Ethernet WAN Ports	1 (FE) <sup>b</sup>	1 (FE) <sup>b</sup>	1 (GE) <sup>b</sup>	2 (GE)	1 (GE)	2 (GE)	2 (GE)	1(FE) <sup>b</sup>	2 (GE)	1(FE) <sup>b</sup>	1 (GE) <sup>b</sup>	
802.11b/g/n Wi-Fi as WAN	●	●	○	●	○	●	●	●	●	●	○	
802.11a/n Wi-Fi as WAN	○	○	○	○	○	●	●	●	○	○	○	
<b>LAN</b>												
Ethernet LAN Ports	2 (FE)	1 (FE)	2 (GE)	4 (GE)	2 (GE)	8 (GE)	8 (GE)	1 (FE)	4 (GE)	2 (FE)	1 (GE)	
802.11b/g/n Wi-Fi AP	●	●	○	●	○	●	●	● <sup>*</sup>	●	●	○	
802.11a/n Wi-Fi AP	○	○	○	○	○	●	●	● <sup>*</sup>	○	○	○	
<b>Capacity</b>												
Router Throughput	100Mbps		200Mbps	100Mbps	200Mbps	300Mbps	80Mbps	100Mbps		100Mbps		
Cache Throughput	○	○	○	○	○	○	150Mbps	○	○	○	○	
Disk Drive	○	○	○	○	○	○	120GB SSD	○	○	○	○	
Wi-Fi Data Rates	2.4GHz:150Mbps		○	2x2 MIMO, 2.4GHz: 300Mbps	○	2x2 MIMO, 2.4GHz: 300Mbps, 5GHz: 300Mbps		2.4GHz: 150Mbps/ 5GHz: 150Mbps	2x2 MIMO, 2.4GHz: 300Mbps	2x2 MIMO, 2.4GHz: 300Mbps	○	
<b>VPN Functionality</b>												
PepVPN	●	●	●	●	●	●	●	●	●	●	●	
SpeedFusion Hot Failover	●	●	●	●	●	●	●	●	●	●	●	
SpeedFusion Bandwidth Bonding	○	○	○	●	●	●	○ <sup>Δ</sup>	●	●	○ <sup>Δ</sup>	●	
PepVPN/SpeedFusion Peers	2			2			2		2			
PepVPN/SpeedFusion Throughput (No Encryption)	40Mbps		100Mbps	60Mbps	100Mbps	150Mbps		40Mbps	60Mbps	40Mbps	60Mbps	
PepVPN/SpeedFusion Throughput (256-bit AES)	20Mbps		60Mbps	30Mbps	60Mbps	120Mbps		20Mbps	30Mbps	20Mbps	30Mbps	
<b>Central Management</b>												
InControl Cloud Management	●	●	●	●	●	●	●	●	●	●	●	
GPS Fleet Management	●	●	●	●	●	●	●	○	○	○	○	
<b>AP Controller</b>												
InControl Cloud Management	○	○	○	●	●	●	●	○	●	○	●	
Max. No. of AP Supported	○	○	○	10			10		○	10	○	10
<b>Hardware Features</b>												
Enclosure	Compact, Indoor Metal			Indoor Metal			Indoor Metal		Low-Profile, All-Purpose	Indoor Metal	Outdoor IP55 All-Weather	Outdoor IP67 Metal
Dimensions	1.6 x 5.8 x 5.0 inches 40 x 147 x 128mm	1.1 x 3.8 x 4.8 inches 26 x 97 x 120mm	1.6 x 5.8 x 5.0 inches 40 x 147 x 128mm	1.6 x 10.2 x 5.7 inches 40 x 260 x 143 mm	1.6 x 5.8 x 5.0 inches 40 x 147 x 128 mm	1.9 x 6.9 x 11.5 inches 50 x 177 x 292 mm		1.2 x 4.3 x 4.3 inches 30 x 110 x 110 mm	1.6 x 10.2 x 5.7 inches 39.5 x 260 x 143 mm	11.8 x 4.9 x 1.9 inches 300 x 124 x 47 mm	9.0 x 12.2 x 2.6 inches 230 x 310 x 66 mm	
Weight	0.96 pounds 435 grams	0.8 pound 350 grams	0.96 pounds 435 grams	2.65 pounds 1.2 kg	0.96 pounds 435 grams	4.20 pounds 1.9 kg		0.43 pounds 195 grams	2.65 pounds 1.2 kg	1.15 pounds 520 grams	5.84 pounds 2.65 kg	
Power Input	Device: 10V–30V DC,2A AC Adapter: AC Input 100V–240V/ DC Output 12V	Micro USB: 5V 2A	Device: 10V–30V DC,2A AC Adapter: AC Input 100V–240V/ DC Output 12V	Device: 10V–30V DC,3A AC Adapter: AC Input 100V-240V/ DC Output 12V	Device: 12V – 48V DC, 2A AC Adapter: AC Input 100V – 240V DC Output 12V or 48V	Device: 12V – 48V DC, 4A AC Adapter: AC Input 100V – 240V DC Output 12V, 4A or 48V		Device: 10V–24V DC,2A AC Adapter: AC Input:100V–240V/ DC Output 12V,2A	Device: 10V–30V DC,3A AC Adapter: AC Input 100V–240V/ DC Output 12V	Pepwave Passive PoE Input: 12V–48V DC,2A	Power over Ethernet 802.3af/ Device: 10V–30V DC, 3A	
Terminal Block	DC 10V - 30V, 2A			DC 10V - 30V, 3A	DC 12V – 48V, 2A	DC 12V – 48V, 4A		○	10V–30V DC,3A	○	○	
Power Output	○	○	○	○	Up To Three 802.3af/24V Pepwave Passive PoE Outputs*	Up to Eight 802.3af PoE Outputs*		○	○	48V Pepwave Passive PoE Input is Needed for 802.3af/Pepwave Passive PoE Output*	○	
Power Consumption	16W (max.)	10W (max.)	12W (max.)	25W (max.)	15W (max.)	38W (max.)		20W (max.)	28W (max.)	16W (max.)	25W (max.)	
Operating Temperature	-40° – 149°F -40° – 65°C			-40° – 149°F -40° – 65°C			-40° – 149°F -40° – 65°C		14° – 149°F -10° – 65°C	-40° – 149°F -40° – 65°C	-40° – 149°F -40° – 65°C	
Humidity	15% – 95% (non-condensing)			15% – 95% (non-condensing)			15% – 95% (non-condensing)		15% – 95% (non-condensing)		15% – 95% (non-condensing)	
<b>Certification</b>												
FCC, CE, RoHS	●	●	●	●	●	●	●	●	●	●	●	
RF Port Lighting Immunity: ITU-T K.20 (+/- 1.5 kV)	○	○	○	●	●	●	●	○	●	●	●	
E-Mark	●	●	●	●	●	●	●	○	●	○	○	
Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999	●	○	○	●	○	○	○	○	●	○	○	
EN 50155: Railway Applications	●	●	○	●	○	●	●	○	●	○	○	

<sup>a</sup> MAX BR2 IP55 supports two embedded 3G modems only. <sup>b</sup> Convertible into LAN port. <sup>\*</sup> Support only one of 802.11b/g/n and 802.11a/n Wi-Fi at a time. <sup>Δ</sup> Available as Feature Upgrade \*PoE kit is available separately. <sup>3</sup> Router Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. <sup>4</sup> Cache Throughput refers to the speed of routing content from hard disk to LAN.