

Model Comparison

	Single Cellular Embedded Modem		Multiple Cellular Embedded Modem				Universal Dongle		Outdoor	
	BR1 MAX-BR1-*	BR1 ENT MAX-BR1-*	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
Cellular WAN										
Embedded 4G LTE/3G	1	1	2	2	4	2/4	○	○	1/2 ^	2
Redundant SIM Slots	●	●	○	●	●	●	○	○	○	●
USB 4G LTE/3G WAN	○	1	1	1	1	1	4	4	○	○
WAN										
Ethernet WAN Ports	1 (FE) ⁶	1 (GE)	2 (GE)	1 (GE)	2 (GE)	2 (GE)	1(FE)	2 (GE)	1(FE) ⁶	1 (GE)
802.11b/g/n Wi-Fi as WAN	●	○	●	○	●	●	●	●	●	○
802.11a/n Wi-Fi as WAN	○	○	○	○	●	●	●	○	○	○
LAN										
Ethernet LAN Ports	2 (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	●	○	●	○	●	●	● ⁺	●	●	○
802.11a/n Wi-Fi AP	○	○	○	○	●	●	●	○	○	○
Capacity										
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	2x2 MIMO, 2.4GHz: 300Mbps, 5GHz: 300Mbps	2.4GHz: 150Mbps/ 5GHz: 150Mbps	2x2 MIMO, 2.4GHz: 300Mbps	2x2 MIMO, 2.4GHz: 300Mbps	2x2 MIMO, 2.4GHz: 300Mbps
VPN Functionality										
PepVPN	●	●	●	●	●	●	●	●	●	●
SpeedFusion Hot Failover	●	●	●	●	●	●	●	●	●	●
SpeedFusion Bandwidth Bonding	○	○	●	●	●	●	●	●	○	●
PepVPN/SpeedFusion Peers	2		2		2		2		2	
PepVPN/SpeedFusion Throughput (No Encryption)	40Mbps	100Mbps	60Mbps	100Mbps	150Mbps	150Mbps	40Mbps	60Mbps	40Mbps	60Mbps
PepVPN/SpeedFusion Throughput (256-bit AES)	20Mbps	60Mbps	30Mbps	60Mbps	120Mbps	120Mbps	20Mbps	30Mbps	20Mbps	30Mbps
Central Management										
InControl Cloud Management	●	●	●	●	●	●	●	●	●	●
GPS Fleet Management	●	●	●	●	●	●	○	○	○	○
AP Controller										
InControl Cloud Management	○	○	●	●	●	●	○	●	○	●
Max. No. of AP Supported	○	○	10	10	10	10	○	10	○	10
Hardware Features										
Enclosure	Compact, Indoor Metal		Indoor Metal	Indoor Metal	Indoor Metal	Indoor Metal	Low-Profile, All-Purpose	Indoor Metal	Outdoor IP55 All-Weather	Outdoor IP67All-Metal
Dimensions	Inches: 1.6 x 5.8 x 5.0 Millimeters: 40 x 147 x 128		Inches:1.6 x 10.2 x 5.7 Millimeters: 39.5 x 260 x 143	Inches:1.6 x 5.8 x 5.0 Millimeters: 40 x 147 x 128	Inches:1.9 x 6.9 x 11.5 Millimeters: 50 x 177 x 292	Inches:1.9 x 6.9 x 11.5 Millimeters: 50 x 177 x 292	Inches:1.2 x 4.3 x 4.3 Millimeters: 30 x 110 x 110	Inches:1.6 x 10.2 x 5.7 Millimeters: 39.5 x 260 x 143	Inches: 11.8 x 4.9 x 1.9 Millimeters: 300 x 124 x 47	Inches: 9.0 x 12.2 x 2.6 Millimeters: 230 x 310 x 66
Weight	0.96 pounds 435 grams		2.65 pounds 1.2 kg	0.96 pounds 435 grams	4.20 pounds 1.9 kg	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		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	Device: 12V – 48V DC, 4A AC Adapter: AC Input 100V – 240V DC Output 12V, 4A	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	Device: 10V– 30V DC, 3A
Terminal Block	DC 10V - 30V, 2A		DC 10V - 30V, 3A	12V – 48V DC, 2A	12V – 48V DC, 4A	12V – 48V DC, 4A	○	10V–30V DC,3A	○	○
Power Output	○	○	○	Up To Three 802.3af/24V Pepwave Passive PoE Outputs	Up to Eight 802.3af PoE Outputs	Up to Eight 802.3af PoE Outputs	○	○	48V Pepwave Passive PoE Input is Needed for 802.3af/Pepwave Passive PoE Output*	Device: 10V– 30V DC, 3A
Power Consumption	16W (max.)		25W (max.)	15W (max.)	38W (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	-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)									
Certification										
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	●	○	○	○	○	○	○	○	○	○

* MAX BR2 IP55 supports two embedded 3G modems only. ⁶ Convertible into LAN port. ⁺ Support only one of 802.11b/g/n and 802.11a/n Wi-Fi at a time. * PoE kit is available separately. ³ Router Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. ⁴ Cache Throughput refers to the speed of routing content from hard disk to LAN.