Technical Specifications:

Radio	
Frequency Bands	4.9–6.0 GHz (restricted by country of operation)
Channel widths supported	5/10/20/40/80 MHz
PHY rate	867 Mbps
Data throughput	Up to 700 Mbps
Latency	1-4ms (1ms typical)
Modulation and coding	OFDM BPSK/QPSK/16QAM/64QAM/256QAM
Max output power (two chains)	30 dBm
Sensitivity (BPSK modulation)	-93dBm @20MHz -90dBm @40MHz -87dBm @80MHz
Security	AES-128 and TKIP encryption, MAC filtering
DFS support	Yes
QoS	Four configurable classes
NoiseRobust feature	Supported
Link Auto-Tuning	Auto power and auto-channel
External Antenna	
Ports	2 x N Connectors
MIMO	2x2:2
Antenna alignment	Diodes and web interface RSSI
Ethernet Interfaces and power	
Number of electrical GbE ports	2 (one WAN port, one PoE LAN port)
Radio unit powering	<18W, 802.3af/at or passive PoE min 36V
PoE out support	10/100/1000 Electrical Ethernet, 802.3af compatible
Ethernet port protection	IEC 61000-4-2, IEC 61000-4-4, IEC 61000-4-5
Management VLAN	Supported
Management	
Node Management	Web interface
Management system	Repeatit Cloud Network
Environment	
IP rating	IP67 (offshore IP68 optionally available)
Operating Temperature	-50˚C to +90˚ C
Storage Temperature	-65˚C to 150˚C
Operating humidity	0-96% condensing
Shock & Vibration	ETS 300-019-2-4 class 4M5
Wind speed	200 km/h
Size	284 × 174 × 81 mm
Weight per unit	2.0 Kg

About Trinity 800:

The Repeatit Trinity 800 is a high performance, ruggedized PTP (point to point) wireless bridge providing up to 700 Mbps data throughput.

The combination of it's high radio power of 30 dBm, its 2 x N connectors to connect external high gain antennas and Repeatit's unique NoiseRobust functionality, make it the perfect fit for short and long range high bandwidth requirements even in harsh and noisy environments. The two integrated Gigabit Ethernet ports (of which one is PoE out), the free of charge Repeatit Cloud Management, the broad frequency range of 4.9-6.0 GHz and its IP67 rating are just a few of the outstanding highlights of the Trinity 800.