

MapWorld

Edge GPS comparison

	Edge 520 plus	Edge 530	Edge 820	Edge 830	Edge 1030
General					
Physical dimensions	49 x 73 x 21 mm	50 x 82 x 20 mm	49 x 73 x 21 mm	50 x 82 x 20 mm	58 x 114 x 19mm
Touchscreen	-	-	yes	yes	yes
Display resolution	200 x 265 pixels	246 x 322 pixels	200 x 265 pixels	246 x 322 pixels	282 x 470 pixels
Weight	62.5 g	75.8 g	67.7 g	79.1 g	123 g
Battery	rechargeable	rechargeable	rechargeable	rechargeable	rechargeable
Battery life	up to 15 hours	up to 20 hours	up to 15 hours	up to 20 hours	up to 20 hours
Water rating	IPX7	IPX7	IPX7	IPX7	IPX8
Colour display	yes	yes	yes	yes	yes
Maps & Memory					
Ability to add maps	yes	yes	yes	yes	yes
Basemap	yes	yes	yes	yes	yes
Waypoints/favorites/locations	200	200	200	200	200
Routes	100	100	100 Courses	100 Courses	100 Courses
History	up to 200 hours	up to 200 hours	up to 200 hours	up to 200 hours	up to 200 hours
Storage internal	-	-	16gb	16gb	16gb
MicroSD card	-	-	-	-	yes
Clock Features					
Time/Date	-	-	-	-	yes
Sensors					
GPS / GLONASS	yes	yes	yes	yes	yes
Barometric altimeter	yes	yes	yes	yes	yes
Accelerometer	-	-	-	-	yes
Connectivity					
Smart notifications	yes	yes	yes	yes	
VIRB® Camera Remote	yes	yes	yes	yes	
Activity Tracking Features					
Calories burned			yes	yes	yes
Training, Planning and Analysis Features					
Customizable data pages	yes	yes	yes	yes	yes
Auto Pause®	yes	yes	yes	yes	yes
Interval training	yes	yes	yes	yes	yes
Advanced workouts	yes	yes	yes	yes	yes
Auto Lap®	yes	yes	yes	yes	yes
VO2 max	yes	yes	yes	yes	yes
Virtual Partner	yes	yes	yes	yes	yes
Auto scroll	yes	yes	yes	yes	yes
Physio TrueUp	yes	-	yes	-	yes
Running Features					
Foot pod capable	-	-	-	Yes	yes
Cycling Features					
Courses	yes	yes	yes	yes	yes
Time/distance alerts	yes	yes	yes	yes	yes
Cycle Map	yes	yes	yes	yes	yes
Compatible with Vector™	yes	yes	yes	yes	yes
Power meter compatible	yes	yes	yes	yes	yes
Garmin Connect™					
Garmin Connect™ compatible	yes	yes	yes	yes	yes
Automatic sync	yes	yes	yes	yes	yes
Additional					
Alerts	yes	yes	yes	yes	yes
Smart notifications displays texts and calls only	yes	yes	-	yes	yes
Compatible with Varia™ bike radar and lights	yes	yes	yes	yes	yes
LiveTrack	yes	yes	yes	yes	yes
GroupTrack	-	-	yes	yes	yes
Edge® remote compatibility	-	-	yes	yes	-
Personal cycling records	-	-	yes	yes	yes
Advanced performance and power analysis	-	yes	yes	yes	yes
bike trainer profile for compatible turbo trainer	yes	yes	yes	yes	yes
On-device segment compatibility for dynamic and ongoing in-ride competition	yes	yes	yes	yes	yes
Connected features via a smartphone	yes	yes	yes	yes	yes
Integration with Shimano Di2	yes	yes	yes	yes	yes
Weather alerts	yes	yes	yes	yes	yes
Wi-Fi® compatible	-	-	yes	yes	yes
Ambient light	-	-	yes	yes	yes
Round-trip routing	-	-	yes	yes	yes
Route planner	-	-	yes	yes	yes
Incident detection	-	-	yes	yes	yes
Training plans/workouts	-	-	yes	yes	yes
Audio prompts	-	-	yes	yes	yes
Auto start	-	-	yes	yes	yes
ANT+™ electronic shifting compatibility	-	-	yes	yes	yes
ANT+ bike trainer compatible	-	-	yes	yes	yes
Strava Segments compatible	-	-	yes	yes	yes
Stress score	-	-	yes	yes	yes
battery save mode. Extends battery life up to 50 percent while still tracking ride details	-	-	yes	yes	-