

MapWorld

Comparison of Garmin handheld GPS

	eTrex 22x	eTrex 32x	GPS 64x	GPS64sx	GPS66s	GPS66i
General						
Physical dimensions	5.4 x 10.3 x 3.3 cm	5.4 x 10.3 x 3.3 cm	6.1 x 16.0 x 3.6 cm	6.1 x 16.0 x 3.6 cm	6.2 x 16.3 x 3.5 cm	6.6 x 16.3 x 3.5 cm
Display size	3.5 x 4.4 cm; diag 5.6 cm	3.5 x 4.4 cm; diag 5.6 cm	3.6 x 5.5 cm; diag 6.6 cm	3.6 x 5.5 cm; diag 6.6 cm	3.8 x 6.3 cm; diag 7.6 cm	3.8 x 6.3 cm; diag 7.6 cm
Display resolution	240 x 320 pixels	241 x 320 pixels	160 x 240 pixels	160 x 240 pixels	240 x 400 pixels	240 x 400 pixels
Display type	transflective, 65K color TFT	transflective, 65K color TFT	transflective, 65K color TFT	transflective, 65K color TFT	transflective colour TFT	transflective color TFT
Weight	141.7 g with batteries	141.7 g with batteries	230 g with batteries	230 g with batteries	230 g with batteries	241 g with batteries
Battery	2 AA batteries	2 AA batteries	2 AA batteries	2 AA batteries	2 AA batteries	rechargeable
Battery life	25 hours	25 hours	16 hours	16 hours	16 hours	up to 35 hours at 10-minute tracking; up to 200 hours at 30-minute tracking (power save mode)
Water rating	IPX7	IPX8	IPX7	IPX7	IPX7	IPX7
Memory/History	8GB	8GB	8 GB	8 GB	16 GB	16 GB
Maps & Memory						
Preloaded maps	yes (TopoActive; routable)	yes (TopoActive; routable)	TopoActive (routable)	TopoActive (routable)	basemap only	yes (topographic)
Ability to add maps	yes	yes	yes	yes	yes	yes
Basemap	Yes	Yes	yes	yes	yes	yes
Storage and Power Capacity	microSD™ card	microSD™ card	microSD™ card	microSD™ card	microSD™ card	microSD™ card
Waypoints/favorites/locations	2000	2000	5000	5000	10,000	10,000
Routes	200	200	200	200	250	250
Track log	10,000 points, 200 saved tracks	10,000 points, 200 saved tracks	10,000 points, 200 saved tracks	10,000 points, 200 saved tracks	20000 points, 250 saved gpx tracks, 300 saved fit activities	20,000 points, 250 saved gpx tracks, 300 saved fit activities
Sensors						
Barometric altimeter	-	yes	-	yes	yes	yes
Compass	-	Yes	-	Yes	Yes	Yes
Outdoor Recreation Features						
Area calculation	Yes	Yes	yes	yes	yes	yes
Automatic routing	Yes	Yes	yes (with mapping)	yes (with mapping)	yes (with mapping)	yes
Geocaching-friendly	Yes (Paperless)	Yes (Paperless)	Yes (Paperless)	Yes (Paperless)	Yes (Paperless)	Yes (Paperless)
Custom maps compatible	-	-	yes	yes	yes	yes
Hunt/fish calendar	yes	yes	yes	yes	yes	yes
Sun and moon information	yes	yes	yes	yes	yes	yes
Picture viewer	yes	yes	yes	yes	yes	yes
Garmin Connect™						
Garmin Connect™ compatible	yes		yes	yes	yes	yes
Additional						
GLONASS / Galileo	GLONASS only	GLONASS only	yes	yes	yes	yes
Wireless compatible	yes	yes	-	yes	yes	yes
Smart Notifications	-	-	-	yes	yes	yes
Live Tracking	-	-	-	yes	yes	yes
Map segments	-	-	-	-	15,000	yes
Active weather	-	-	-	-	yes	yes
BirdsEye direct to device	-	-	-	-	yes	yes
MIL STD 810G ruggedness for thermal, shock and water performance	-	-	-	-	yes	yes
RINEX Logging	-	-	-	-	yes	yes
Request weather forecasts for current location and planned destination	-	-	-	-	-	yes
Garmin Explore	-	-	-	-	-	yes

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Trigger an interactive SOS with 24/7 search and rescue monitoring center	-	-	-	-	-	yes
Send and receive text messages to SMS and email	-	-	-	-	-	yes
Send and receive messages with other inReach® users, exchange locations	-	-	-	-	-	yes
Track and share location with friends and family on web-based MapShare® portal	-	-	-	-	-	yes
Virtual keyboard for custom text messaging	-	-	-	-	-	yes