

Source: Garmin.com

	920XT	910XT	FENIX3	EPIX
Physical dimensions	1.9" x 2.2" x 0.5" (48 x 55 x 12.7 mm)	2.1" x 2.4" x 0.6" (54 x 61 x 15 mm)	2.0" x 2.0" x 0.6" (51 x 51 x 16 mm)	50.8 x 53.3 x 17.8 mm
Display size, WxH	1.1" x 0.8" (2.9 x 2.1 cm)	1.3" x 0.8" (33 x 20 mm)	1.2" (30.4 mm)	35.6 mm
Display resolution, WxH	205 x 148 pixels		218 x 218 pixels; transflective MIP color	205 x 148 pixels; transflective MIP color
Touchscreen	No	No	No	Yes
Color display	Yes	No	Yes	Yes
Negative mode display	No	No	Yes	Yes
Weight	2.1 oz (61 g)	2.5 oz (72 g)	2.9 oz (82 g)	85 g
Battery	Rechargeable lithium-ion	Rechargeable lithium-ion	Rechargeable 300 mAh lithium-ion	Rechargeable Lithium-ion
Battery life	Up to 24 hours in normal GPS mode; up to 40 hours in UltraTrac mode	Up to 20 hours	Up to 50 hours in UltraTrac mode; up to 16 hours in training mode; up to 6 weeks in watch mode	Up-to 16 weeks in watch mode; 24 hours in GPS/GLONASS mode; 50 hours in UltraTrac GPS mode
Water rating	5 ATM	5 ATM	10 ATM	5 ATM
GPS-enabled	Yes	Yes	Yes	Yes
GLONASS	Yes	No	Yes	Yes
High-sensitivity receiver	Yes	Yes	Yes	Yes
Barometric altimeter	Yes	Yes	Yes	Yes
Electronic compass	No	No	Yes	Yes
Smart notifications (displays email, text and other alerts when paired with your compatible phone)	Yes	No	Yes	Yes
Vibration alert	Yes	Yes	Yes	Yes
Music control	Yes	No	Yes	Yes
Find my phone	Yes	No	Yes	Yes
 VIRB® control	Yes	No	Yes	Yes
Watch functions	Time or day (12/24h), calendar (day/date), daily alarm		Time or day (12/24h), calendar (day/date), daily alarm	Time or day (12/24h), dual time zone, calendar (day/date), daily alarm

Maps & Memory

Built-in memory			32 MB; available 26 MB	8 GB
Waypoints/favorites/locations	100	100	1,000	
Routes	0		50	
Track log			10,000 points; 100 saved tracks	
History	100 hours of activity data	1000 laps		

Running Features

Virtual Pacer™ (compares current pace to target)	Yes	Yes	Yes	Yes
V02 max estimate	Yes	No	Yes	Yes
Recovery advisor	Yes	No	Yes	Yes
Race predictor	Yes	No	Yes	Yes
Running dynamics	Yes	No	Yes	Yes
Accelerometer (calculates distance for indoor workouts, without need for a foot pod)	Yes	No	Yes	Yes
Personal records	Yes	No	Yes	Yes

Cycling Features

Compatible with Vector™	Yes	Yes	Yes	Yes
Multiple bike profiles	Yes	Yes	Yes	Yes

Bike speed/cadence sensor	Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)
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Running & Cycling Features

Heart rate monitor	Yes (Some versions)	Yes (Some versions)	Yes (Some versions)	Yes (optional)
Foot pod	Yes (optional)	Yes (optional)	No	No
Virtual Partner® (train against a digital person)	Yes	Yes	Yes	Yes
Virtual Racer™ (compete against other activities)	Yes	Yes	Yes	Yes
Courses (compete against previous activities)	Yes	Yes	Not Stated	Not Stated
Auto Pause® (pauses and resumes timer based on speed)	Yes	Yes	Yes	Yes
Auto Lap® (automatically starts a new lap)	Yes	Yes	Not Stated	Not Stated
Auto Scroll (cycles through data pages during workout)	Yes	Yes	Not Stated	Not Stated
Multi-sport (changes sport mode with a press of a button)	Yes	Yes	Yes	Yes
Auto multisport (switch sport modes with 1 button press)	Yes	Yes	Yes	Yes
Advanced workouts (create custom, goal-oriented workouts)	Yes	Yes	Yes	Yes
Pace alert (triggers alarm if you vary from preset pace)	Yes	Yes (for advanced workouts only)	Yes	Yes
Time/distance alert (triggers alarm when you reach goal)	Yes	Yes	Not Stated	Not Stated
Interval training (set up exercise and rest intervals)	Yes	Yes	Yes	Yes
Heart rate-based calorie computation	Yes	Yes	Yes	Yes
Calculates calories burned	Yes	Yes	Yes	Yes
Training Effect (measures impact of an activity on your aerobic fitness)	Yes	Yes	Yes	Yes
Customizable screen(s)	Yes	Yes	Not Stated	Not Stated
Power meter compatible (displays power data from compatible 3rd party ANT+™-enabled power meters)	Yes (records data approx. 1 per second)	Yes (records data approx. 1 per second)	Not Stated	Not Stated
Shock Resistant	Yes	Yes	Not Stated	Not Stated

Swimming Features

Swim metrics (stroke type, stroke count and pool lengths)	Yes	Yes	Yes	Yes
Stroke recognition	Yes	Yes	Yes	Yes
Pool lap recognition	Yes	Yes	Yes	Yes
Open-water swim distance	Yes	Yes	Yes	Yes
Swim workouts	No	No	Yes	Yes

Outdoor Features

Custom maps compatible				
Hunt/fish calendar				

Sun and moon information				
Area calculation				

Activity Tracking Features

Step counter	Yes	No	Yes	Yes
Auto goal (learns your activity level and assigns a daily step goal)	Yes	No	Yes	Yes
Move bar (displays on device after a period of inactivity; walk for a couple of minutes to reset it)	Yes	No	Yes	Yes
Sleep monitoring (monitors total sleep and periods of movement or restful sleep)	Yes	No	Yes	Yes

Garmin Connect®

Garmin Connect™ compatible (online community where you analyze, categorize and share data)	Yes	Yes	Yes	Yes
Automatic sync (automatically transfers data to your computer)	Yes	Yes	Yes	Yes

Additional

	<ul style="list-style-type: none"> GLONASS: Yes V02 max estimate: Yes Recovery advisor: Yes Race predictor: Yes Running dynamics: Yes 		<ul style="list-style-type: none"> Connect IQ™ app support: Yes (watch faces, data fields, widgets and apps) EXO™ antenna (GPS/GLONASS): Yes Wireless Connectivity: Yes ANT+™: Yes Bluetooth®: Yes 	<ul style="list-style-type: none"> Connect IQ app support: Watch faces, data fields, widgets and apps Preloaded maps: Yes (worldwide or TOPO U.S. 100K, depending on the version selected) Ski features: Yes Wi-Fi®: No
	<ul style="list-style-type: none"> Watch functions: Time of day (12/24h), calendar (day/date), daily alarm Run/walk feature: Yes Smart Notifications: Yes Activity Tracking: Yes Personal Records: Yes Projected finish time: Yes Customisable lap screens: Yes Custom alerts: Yes Indoor pace and distance: Yes Stroke counting: Yes Stroke type identification: Yes Calories: Yes Swolf score: Yes Quick timer workouts: Yes Configurable training pages: Yes Auto-detect rest times: Yes Works for drills: Yes (user input required) 		<ul style="list-style-type: none"> Weather Alerts: Yes UltraTrac: Yes tempe™ sensor support: Yes TracBack: Yes 	