

	Fenix 5	Fenix 5S	Fenix 5X	Fenix 3hr
Physical & Performance				
Physical dimensions	47.0 x 47.0 x 15.5 mm	42.0 x 42.0 x 14.5 mm	51.0 x 51.0 x 17.5 mm	51.5 x 51.5 x 16.0 mm
Display size	30.5 mm diameter	27.94 mm diameter	30.5 mm diameter	30.4 mm diameter
Display resolution	240 x 240 pixels; sunlight-visible, always-on, low power, colourful display	218 x 218 pixels; sunlight-visible, always-on, low power, colourful display	240 x 240 pixels; sunlight-visible, always-on, low power, colourful display	218 x 218 pixels; transfective MIP colour; sapphire lens
Negative mode display	yes	yes	yes	yes
Weight	85g	67g	98g	86g
Battery type	Rechargeable lithium-ion	Rechargeable lithium-ion	Rechargeable lithium-ion	Rechargeable 300mAh lithium-ion
Battery life	up to 2 weeks	up to 9 days	up to 12 days	up to 2 days
GPS mode	up to 24 hours	up to 14 hours	up to 20 hours	up to 16 hours
UltraTrac battery saver mode	up to 75 hours	up to 40 hours	up to 50 hours	up to 40 hours
Water rating	10 ATM	10 ATM	10 ATM	10 ATM
Barometric altimeter	yes	yes	yes	yes
Electronic compass	yes	yes	yes	yes
Smart notifications	yes	yes	yes	yes
Vibration alert	yes	yes	yes	yes
Music control	yes	yes	yes	yes
Find my phone	yes	yes	yes	yes
VIRB® control	yes	yes	yes	yes
Watch functions	Time of day (12/24h), calendar (day/date), daily alarm, stop watch, timer, sunrise/sunset alerts	Time of day (12/24h), calendar (day/date), daily alarm, stop watch, timer, sunrise/sunset alerts	Time of day (12/24h), calendar (day/date), daily alarm, stop watch, timer, sunrise/sunset alerts	Time of day (12/24h), calendar (day/date), daily alarm, stop watch, timer, sunrise/sunset alerts
Maps & Memory				
Preloaded topo/cycling maps	-	-	yes	-
Memory/history	64 MB; available 54 MB	64 MB; available 54 MB	12 GB	32 MB; available 23 MB
Custom POIs	yes	yes	yes	yes
Waypoints/favorites/locations	1,000	1,000	1,000	1,000
Routes	30	30	50	30
Track log	200 hours	200 hours	10,000 points; 100 saved tracks	100 hours of activity data
Running Features				
Virtual Pacer™	yes	yes	yes	yes
VO2 max estimate	yes	yes	yes	yes
Recovery advisor	yes	yes	yes	yes
Race predictor	yes	yes	yes	yes
Running dynamics	yes	yes	yes	yes
Accelerometer	yes	yes	yes	yes
Personal records	yes	yes	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)
Performance Features				
Heart rate monitor	yes (wrist based)	yes (wrist based)	yes (wrist based)	yes (wrist based)
Virtual Partner®	yes	yes	yes	yes
Virtual Racer™/Race an Activity	yes	yes	yes	yes
Courses	yes	yes	yes	yes
Auto Pause®	yes	yes	yes	yes

Auto Lap®	yes	yes	yes	yes
Auto Scroll	yes	yes	yes	yes
Multi-sport	yes	yes	yes	yes
Auto multisport	yes	yes	yes	yes
Advanced workouts	yes	yes	yes	yes
Pace alert	yes	yes	yes	yes
Time/distance alert	yes	yes	yes	yes
Interval training	yes	yes	yes	yes
Heart rate-based calorie computation	yes	yes	yes	yes
Calculates calories burned	yes	yes	yes	yes
Training Effect	yes	yes	yes	yes
Customizable screen(s)	yes	yes	yes	yes
Power meter compatible	yes	yes	yes	yes
Swimming Features				
Pool swim metrics	yes	yes	yes	yes
Stroke type identification	yes	yes	yes	yes
Open water swim metrics	yes	yes	yes	yes
Swim workouts	yes	yes	yes	yes
Golfing Features				
Measures shot distance	yes	yes	yes	yes
Yardage to F/M/B	yes	yes	yes	yes
Yardage to layups/doglegs	yes	yes	yes	yes
Digital scorecard	yes	yes	yes	yes
Outdoor Features				
Hunt/fish calendar	yes	yes	yes	yes
Sun and moon information	yes	yes	yes	yes
Area calculation	yes	yes	yes	yes
Activity Tracking Features				
Step counter	yes	yes	yes	yes
Auto goal	yes	yes	yes	yes
Move bar	yes	yes	yes	yes
Sleep monitoring	yes	yes	yes	yes
Garmin Connect™				
Garmin Connect™ compatible	yes	yes	yes	yes
Automatic sync	yes	yes	yes	yes
Additional				
Connect IQ™ app support	yes	yes	yes	yes
EXO™ antenna (GPS/GLONASS)	yes	yes	yes	yes
Wi-Fi®	Yes (Sapphire versions only)	Yes (Sapphire versions only)	Yes (Sapphire versions only)	yes
ANT+®	yes	yes	yes	yes
Bluetooth®	yes	yes	yes	yes
Training Effect	yes	yes	yes	-
Training Load	yes	yes	yes	-
Training Status	yes	yes	yes	-
Lactate Threshold	yes	yes	yes	-
Weather Alerts	yes	yes	yes	yes
UltraTrac	yes	yes	yes	yes
tempe™ sensor support	yes	yes	yes	yes
TracBack	yes	yes	yes	yes

Ski features	yes	yes	yes	yes
Physiological measurements	yes	yes	yes	yes
SUP/Rowing	yes	yes	yes	yes
Foot pod	yes	yes	yes	yes