

Brand	Giant		bryton				Garmin		wahoo			
									Element Mini (inc. SPD sensor)	Element Bolt	Element	ELEMNT ROAM
Model	NeosGPS	Neostrack	Rider 15	Rider 410	Rider 450	Aero 60	Edge 130	Edge 520+				
MSRP(AUD)	\$ 129.95	\$ 299.95	\$ 99.00	\$ 199.00	\$ 279.00	\$ 289.00	\$ 299.00	\$ 599.00	\$ 149.95	\$ 399.95	\$ 449.95	\$ 599.95
Dimension(mm)	49x74x21	92.9x57x20.3		83.9 x 53.7 x 18.2	83.9 x 53.7 x 18.2	83.9 x 53.7 x 18.2	62 x 40 x 17	73 x 49 x 21	58.4 x 41 x 17	74.6 x 47.3 x 22.1	90.5 x 57.5 x 21.2	89 x 54.4 x 17.8
Display size	2.0"	2.6"	2.1"	2.3"	2.3"	2.3"	1.8"	2.3"	1.8"	2.2"	2.7"	Color 2.7"
Weight(g)	55	78		71	71	71	33	60	31	60	99	93.5
Waterproof	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7
GPS	v	v	v	v	v	v	v	v	no	v	v	v
Glonass			v	v	v	v	v	v		v	v	v
Galileo			v	v	v	v	v			v	v	v
Beidou			v	v	v	v				v	v	v
QZSS			v	v	v	v				v	v	v
Barometric Altimeter	v	v	v	v	v	v	v	v	no	v	v	v
Battery Hours	16	30	16	35	32	32	13	15	Coin Cell Battery (up to 250hrs)	15	17	17
Aerodynamic Design						v				v		v
Functions	29	80	30	72+	78+	78+	N/A	N/A	N/A	N/A	N/A	N/A
Max Data Grid / Page	4	10	4	8	8	8	8	10		9	11	11?
ASD Auto Sensor Display			v	v	v	v						
Customizable Data Grid	v	v	v	v	v	v	v	v	v	v	v	v
1s Recording	v	v	v	v	v	v	v	v	v(Phone)	v	v	v
App workout planning					v	v	v	v		v	v	v
TrainingPeaks Workout Support					v	v	v	v		v	v	v
Activity Sensor Support	BLE 4.0	ANT+	BLE 4.0	Dual Band	Dual Band	Dual Band	Dual Band	ANT+	Dual Band only (wahoo only)	Dual Band	Dual Band	Dual Band
Power Meter		v		v	v	v	v	ANT+		v	v	v
Advnaced Power Data (NP, PB...)		v		v	v	v		v		v	v	v
HRM/Speed Cadence Sensor	v	v	v	v	v	v	v		v	v	v	v
Electronic Shifting System support		v	v		ALL	ALL		ALL		ALL	ALL	ALL
Time /Distance Alerts		v		v	v	v	v		v			
Auto Pause / Lap / Scroll		v		v	v	v	v		v	v	v	v
Follow Track/Navigation		follow track	follow track	follow track	follow track	follow track	follow track	v		follow track	follow track	follow track
Navigate to the beginning of the course								v		breadcrumb trail	breadcrumb trail	v
Re-route								v				v
Built In Map					OSM	OSM	x	Garmin regional Yelp (Via coconnect IQ app)		OSM	OSM	OSM
POI Data Base							NO			Via Element App	Via Element App	Via Element App
Planned Trips Download		v			v	v	v	v		v	v	v
Smart notifications	v		v	v	v	v	v	v	v	v	v	v
Data Upload	BLE	BLE/WLAN		BLE	BLE/WLAN	BLE/WLAN	BLE	BLE	WahooElement App	BLE/WiFi	BLE/WiFi	BLE/WiFi
App support	Neostrack app	Neostrack app	bryton Active	bryton Active	bryton Active	bryton Active	Garmin Connect	Garmin Connect	WahooElement App	WahooElement App	WahooElement App	WahooElement App
Altitude Calibration via APP	v		v	v	v	v				v	v	v
Grid Settings via APP	v		v	v	v	v				v	v	v
STRAVA/TrainingPeaks Auto Sync	v	v	v	v	v	v	v	v	v	v	v	v
Live Track							v	v	v			v (web portal)
Rider to Rider Messaging (only available on 1030/520+)								v				
STRAVA Live Segments							v	Advanced (more accurate, also available on 1030)		v	v	v