

## SROVNÁNÍ ŠPIČKOVÝCH SPORTTESTERŮ SUUNTO AMBIT A OUTDOOROVÝCH SUUNTO TRAVERSE

COMPARE PRODUCTS	SUUNTO AMBIT2 SAPPHIRE	SUUNTO AMBIT3 PEAK SAPPHIRE	SUUNTO TRAVERSE AMBER
Highlight differences	✓	✓	✓
Weight	92 g / 3.25 oz	92 g / 3.25 oz	80 g / 2.82 oz
Bezel Material:	Steel	Steel	Stainless Steel
Lens material:	Sapphire Crystal	Sapphire Crystal	Mineral Crystal
Case material:	Polyamide	Polyamide	Composite
Strap material:	Elastomer	Silicone	Silicone
GENERAL	HSH SPORT	HSH SPORT	HSH SPORT
Water resistance	100 m (according to ISO 6425)	100 m (according to ISO 6425)	100 m (according to ISO 6425)
Battery life in time mode	30 days	30 days	14 days
Battery type	rechargeable lithium-ion	rechargeable lithium-ion	rechargeable lithium-ion
Firmware upgradable	✓	✓	✓
Time, date	✓	✓	✓
Alarm clock	1 daily alarm	1 daily alarm	1 daily alarm
Dual time	✓	✓	✓
GPS timekeeping	✓	✓	✓
Countdown timer	✓	✓	✓
Stopwatch timer	✓	✓	✓
UI languages	EN, DE, ES, FI, FR, IT, NL, PT, SV	EN, CS, DA, DE, ES, FI, FR, IT, JA, KO, NL, NO, PL, PT, RU, SV, ZH i	EN, CS, DA, DE, ES, FI, FR, IT, JA, KO, NL, NO, PL, PT, RU, SV, ZH i
Backlight	LED	LED	LED
Configurable backlight	brightness / mode	brightness / mode	brightness / mode
Button lock	customizable	customizable	✓
Invert display	✓	✓	✓
Display type	matrix	matrix	matrix
Display resolution	128 x 128	128 x 128	128 x 128
Battery indicator	percentage / icon	percentage / icon	low battery indicator
Metric and imperial units	✓	✓	✓
Flashlight backlight option	–	–	✓
Step counter	–	–	✓
Vibration alert	–	–	✓
CONNECTIVITY	HSH SPORT	HSH SPORT	HSH SPORT
Data transfer	USB cable	Wireless / USB cable	Wireless / USB cable
Connectivity (between devices)	Suunto ANT, ANT+	Bluetooth Smart	Bluetooth Smart
Compatible with Movescount	✓	✓	✓
Watch customization	–	Wireless / USB cable	Wireless / USB cable
Compatible with Suunto Movescount App	–	✓	✓
Photos with watch data overlays	–	with Suunto Movescount Appi	with Suunto Movescount Appi
Smartphone compatibility	–	iPhone, Android i	iPhone, Android i
Phone notifications on the watch	–	with Suunto Movescount Appi	with Suunto Movescount Appi
Phone as secondary display of watch	–	with Suunto Movescount Appi	✓
Suunto Movies	–	with Suunto Movescount Appi	with Suunto Movescount Appi
SUUNTO APPS	HSH SPORT	HSH SPORT	HSH SPORT
Compatible with Suunto Apps	✓	✓	✓
Max. nr. of apps per sport mode	5	5	3
Logging of app specific metrics	✓	✓	✓
Most recommended apps by activity	✓	✓	✓
Create own metrics with advanced formulas	✓	✓	–
Chrono, GPS, HR, weather and altitude data	✓	✓	✓
Running, cycling, swimming data	✓	✓	–
Rich math functions, if/then-logic, sound, backlight, etc.	✓	✓	✓
COMPASS	HSH SPORT	HSH SPORT	HSH SPORT
Digital compass	✓	✓	✓
Tilt compensation	full	full	full
Direction scale	degrees / mils	degrees / mils	degrees / mils
Needle	north indicator	north indicator	north indicator
Bearing lock with orienting indicator	✓	✓	–
Compass accuracy	5°	5°	5°
Compass resolution	1°	1°	1°
Declination correction	–	–	✓
Bearing lock with direction indicator	–	–	✓

PHYSICAL SPECIFICATIONS	HSH SPORT	HSH SPORT	HSH SPORT
Operating temperature	-20° C to +60° C / -5° F to +140° F	-20° C to +60° C / -5° F to +140° F	-20° C to +60° C / -5° F to +140° F
Storage temperature	-30° C to +60° C / -22° F to +140° F	-30° C to +60° C / -22° F to +140° F	-30° C to +60° C / -22° F to +140° F
Recommended charging temperature	0° C to +35° C / +32° F to +95° F	-	0° C to +35° C / +32° F to +95° F
GPS TRACKING & NAVIGATION	HSH SPORT	HSH SPORT	HSH SPORT
Satellite systems	GPS	GPS	GPS, GLONASS* i
GPS recording rate	1, 5, 60 s	1, 5, 60 s	Best, Good, OK
Battery life (GPS active)	16, 24, 50 h	20, 30, 200 h i	10, 15, 100 h i
Coordinate systems	WGS84 Hd.d° WGS84 Hd°m' s.s'' WGS84 Hd°m.m	WGS84 Hd.d° WGS84 Hd°m' s.s'' WGS84 Hd°m.m	WGS84 Hd.d° WGS84 Hd°m' s.s'' WGS84 Hd°m.m
	UTM	UTM	UTM
	MGRS	MGRS	MGRS
	British (BNG)	British (BNG)	British (BNG)
	Finnish (ETRS-TM35FIN)	Finnish (ETRS-TM35FIN)	Finnish (ETRS-TM35FIN)
	Finnish (KKJ)	Finnish (KKJ)	Finnish (KKJ)
	Irish (IG)	Irish (IG)	Irish (IG)
	Swedish (RT90)	Swedish (RT90)	Swedish (RT90)
	Swiss (CH1903)	Swiss (CH1903)	Swiss (CH1903)
	UTM NAD27 – Alaska	UTM NAD27 – Alaska	UTM NAD27 – Alaska
	UTM NAD27 – Conus	UTM NAD27 – Conus	UTM NAD27 – Conus
	UTM NAD83	UTM NAD83	UTM NAD83
	New Zealand (NZTM2000)	New Zealand (NZTM2000)	New Zealand (NZTM2000)
Waypoint and visual route navigation	✓	✓	✓
Max. nr. of Points of Interest (POIs)	100	250	250
Find back	✓	✓	✓
Track back	✓	✓	✓
Track logging, viewing and sharing * i	✓	✓	✓
Route planning * i	✓	✓	✓
Route points per route / POIs in watch	1000 / 100	1000 / 100	1000 / 250
Breadcrumb trail in real time	-	-	✓
ALTIMETER	HSH SPORT	HSH SPORT	HSH SPORT
Barometric altitude	✓	✓	✓
GPS altitude	✓	✓	✓
Combined GPS and barometric altitude (FusedAlti™)	✓	✓	✓
Altitude graph	✓	✓	✓
Total ascent/descent	air pressure based	air pressure based	air pressure based
Vertical speed	air pressure based	air pressure based	air pressure based
Automatic alti/baro profile	✓	-	✓
Altitude difference	yes** i	yes** i	in log summary, and real time as an App
Log recording rate	1, 10 s	1, 10 s	1, 10 s
Resolution	1 m	1 m	1 m
Range	-500 – 9000 m	-500 – 9999 m	-500 – 9999 m
WEATHER	HSH SPORT	HSH SPORT	HSH SPORT
Sea level pressure	✓	✓	✓
Sea level pressure graph	✓	✓	✓
Weather trend indicator	✓	✓	✓
Temperature	✓	✓	✓
Temperature display range	-20° C to +60° C / -4° F to +140° F	-20° C to +60° C / -4° F to +140° F	-20° C to +60° C / -4° F to +140° F
Sunrise/sunset times	✓	✓	✓
Automatic alti/baro profile	✓	✓	✓
Storm alarm	✓	✓	✓
Tide information	yes** i	yes** i	yes** i
Pressure resolution	1 hPa / 0.03 inHg	1 hPa / 0.03 inHg	1 hPa / 0.03 inHg
Temperature resolution	1°	1°	1°
Max weather recording length	past 26 hours	past 26 hours	past 26 hours
SPEED AND DISTANCE	HSH SPORT	HSH SPORT	HSH SPORT
Distance based autolaps	✓	✓	✓
Log recording rate	1, 10 s	1, 10 s	1, 10 s
GPS Speed and distance	Integrated	Integrated	Integrated
Foot POD support	Suunto Foot POD / ANT+	Bluetooth Smart	-
Bike POD support	Suunto Bike POD / ANT+	Bluetooth Smart	-

HEART RATE (REQUIRES A HEART RATE BELT)	HSH SPORT	HSH SPORT	HSH SPORT
RR interval	✓	✓	–
Heart rate in beats per minute	✓	✓	✓
Heart rate in % of max hr	✓	✓	✓
Real-time average and max heart rate	✓	✓	–
Heart rate limits	✓	✓	–
Heart rate zones * i	✓	✓	✓
EPOC & V02 max values * i	✓	✓	–
Heart rate graph in real time	✓	✓	–
Calories	✓	✓	✓
Peak Training Effect	✓	✓	–
Recovery time	✓	✓	–
Real time EPOC	yes** i	yes** i	–
Log recording rate	1, 10 s	1, 10 s	1, 10 s
Records heart rate in swimming	–	yes, with Suunto Smart Sensor	yes, with Suunto Smart Sensor
TRAINING, PLANNING & ANALYSIS	HSH SPORT	HSH SPORT	HSH SPORT
Chrono	✓	✓	✓
Laps	> 1000	> 1000	> 1000
Autopause	✓	✓	✓
Autoscrolling of exercise displays	✓	✓	–
Memory left indicator	✓	✓	✓
Speed and heart rate-based guidance during exercise	✓	✓	–
Interval timers	✓	✓	–
Fitness test	yes** i	yes** i	–
Training plans downloadable from Movescount	✓	✓	–
Log summary on the watch with lap details	✓	✓	✓
Customizeable sport modes and displays	10 modes / 8 displays per mode	10 modes / 8 displays per mode	5 modes / 4 displays per mode
Training analysis* i	✓	✓	✓
Training logbook with story and image support * i	✓	✓	✓
GPS track analysis* i	✓	✓	✓
Compatible with online sports communities i	Strava, TrainingPeaks, MapMyFitness and others i	Strava, TrainingPeaks, MapMyFitness and others i	Strava, TrainingPeaks, MapMyFitness and others i
Activity based recovery time	–	✓	–
Sleep recovery test (Firstbeat™) i	–	✓	–
Quick recovery test (Firstbeat™) i	–	✓	–
Workout Planner i	–	with Suunto Movescount Appi	–
Interval workout voice guidance i	–	with Suunto Movescount Appi	–
Activity monitoring	–	✓	–
MULTISPORTS	HSH SPORT	HSH SPORT	HSH SPORT
Change sport mode during exercise	✓	✓	–
Preconfigured multisport modes	✓	✓	–
Multisport exercise summary	✓	✓	–
Post-analysis of multisport exercise by sport * i	✓	✓	–
RUNNING	HSH SPORT	HSH SPORT	HSH SPORT
Running pace	✓	✓	✓
Suunto FusedSpeed™	✓	✓	–
Average pace in real time	✓	✓	✓
Running cadence	watch or Foot POD	✓	–
Foot POD calibration	manual or GPS	–	–
Average stride length	yes** i	yes** i	–
Ghost Runner	yes** i	✓	–
Marathon End-time Estimator	yes** i	yes** i	–
Lap comparisons by kilometer/mile * i	✓	✓	✓
Running Performance (Firstbeat™) i	–	✓	–

CYCLING	HSH SPORT	HSH SPORT	HSH SPORT
Cycling speed	✓	✓	based on GPS
Average speed in real time	✓	✓	based on GPS
Multiple Bike POD support	✓	✓	–
Hill incline in real time	yes** i	yes** i	–
Bike Power (W), average and maximum (with power sensor)	ANT+	Bluetooth Smart	–
Bike Power 3s, 10s, 30s (with power sensor)	✓	✓	–
Bike Lap and Lap Maximum Power (with power sensor)	✓	✓	–
Power distribution & graphs * (with power sensor) i	✓	✓	–
Peak Power Curve for peak power outputs * (with power sensor) i	✓	✓	–
Normalized Power (Suunto Apps / TM by Training Peaks)	yes** i	yes** i	–
Aerodynamic drag in real time (with power sensor)	yes** i	yes** i	–
Cadence POD Support	Suunto Cadence POD / ANT+	Bluetooth Smart	–
SWIMMING	HSH SPORT	HSH SPORT	HSH SPORT
Pool swim pace and distance	✓	✓	–
Openwater swim pace and distance	✓	✓	–
Swimming time by pool length, lap, total	✓	✓	–
Swimming stroke rate, count and type	✓	✓	–
Swim styles detection with personal style teaching	✓	✓	–
Stroke efficiency (SWOLF)	✓	✓	–
Automatic intervals	✓	✓	–
Dynamic lap table with stroke, pace and duration * i	✓	✓	–
Records heart rate in swimming	–	yes, with Suunto Smart Sensor	–
podle SUUNTO, úprava HSH	HSH SPORT	HSH SPORT	HSH SPORT