



SENNHEISER

SPORT

True Wireless



Sennheiser
signature sound



Adaptable
acoustics



Secure
customized fit



Sweat & splash
resistance





SPEC SHEET

SPORT True Wireless



SUPERIOR SOUND WITH ADAPTABLE ACOUSTICS

- **Sennheiser Signature Sound** – Powered by Sennheiser TrueResponse transducer, a 7mm dynamic audio driver that delivers a high-end sound experience with full bass.
- **Adaptable Acoustics** – Open and Closed ear adapter options let you choose between either higher running comfort with more situational awareness or blocking outside noise for a focused and immersive audio experience.

A SECURE, COMFORTABLE FIT YOU CAN DEPEND ON

- **Secure Customized Fit** – Interchangeable fins and a choice of ear adapters let you achieve a perfectly secure fit.
- **IP54 Dust, Splash & Sweat Resistance** – Durability you can count on for your toughest workouts – the earbuds take on dust, rain and sweat.
- **Battery Life** – 9 hours playback with up to 27 hours with the charging case.

STAY AHEAD WITH ADVANCED SMART FEATURES

- **Built-In Equalizer** – Tailor the sound experience using the Smart Control App.
- **Intuitive touch controls** – Touch interface control of music, calls and voice assistant for effortless operation.
- **Adjustable Sidetone** – Sidetone makes phone calls more comfortable by letting you hear your own voice during calls.
- **Connectivity** – Compatible with Bluetooth 5.2. Connects to TV and Sport equipment so you can stream your workout at home or stay connected in the gym.

Technical Data

Main SKUs	Model name	Order #	EAN	UPC
SPORT True Wireless	CX200TW1 Sport	509299	4260752330671	810091270677

General Data

Wearing style	True wireless stereo earphones
Product colour	Black with copper gold logo
Ear coupling	Ear canal, closed and open ear adapter
Connectivity	Bluetooth 5.2 compatible, class 1, BLE
Transmission frequency range	2,402 MHz to 2,480 MHz
Supported profiles	A2DP, AVRCP, HFP
Supported codecs	SBC, AAC, aptX™
Speaker type/size	TrueResponse™ dynamic, 7 mm diameter
Speaker frequency range	5 Hz to 21 kHz (closed ear adapter)
Speaker sensitivity	110 dB SPL (1 kHz/0dBFS) (closed ear adapter)
Speaker THD	<0,08% (1kHz / 94dB)
Mic principle	MEMS
Mic frequency range	100 Hz to 10 kHz
Mic pick-up pattern	2 mic beamforming arrays (4 mic total)
Battery lifespan	9 hrs with rechargeable battery of the earbud (test conditions: iPhone within 1 m distance, Bluetooth AAC codec, playback mixed music, volume level 50 %, no EQ settings); 27 hrs with rechargeable battery of the charging case
Charging time	Approx. 1.5 hrs for full charged. After 15 min charging 1 hrs music playback
Battery type	Built-in Lithium-Ion rechargeable batteries, left/right earbud: ~55 mAh, charging case: ~400 mAh
Power supply	Left/right earbud: 5 V ^{DC} , 100 mA max. each (charging case single pogo pin output rating) charging case: 5 V ^{DC} , 600 mA max. (USB charging via USB-C socket at charging case)
Magnetic field strength	Earbuds: 64 mT, charging case: 177 mT
Weather resistance	IP54, dust protected and splash resistant (earbuds)
Warranty periode	2 years



Product Specification (continued)

Product weight	approx. 55 g (both earbuds and charging case) approx. 6.8 g (single earbud) approx. 41.6 g (charging case)
Product dimension	64.5 x 40 x 41.6 mm (earbuds and charging case)
Operating condition	Temp: 0°C to +40°C Rel. humidity 10 to 80%, non-condensing
Storage & transport condition	Temp: -25 to +70°C Rel. humidity 10 to 90%
App support	Sennheiser Smart Control app for iOS™ and Android™
Country of origin	Designed by Sennheiser in Germany, Made in China
Custom tariff code	851762 (BT headsets)
HAZMAT UN #	UN 3481

Packaging specification

Content of delivery	Pair of earbuds Charging case with lanyard USB-C charging cable Closed and Open ear adapter sets (S/M/L) Ear fins sets (N, S1, S2, S3) Quick guide & Safety guide
Packaging type	Pizza Box
Language on packaging	English, German, French, Spanish, Simplified Chinese, Japanese
Dimensions product packaging (L x B x H)	170 mm x 130 mm x 47 mm (6.7 x 5.1 x 1.9 in)
Weight of headphones with packaging (incl. accessories)	221 g (7.8 oz)
Dimensions of outer master carton (L x B x H)	300 mm x 267 mm x 200 mm (11.8 x 10.5 x 7.9 in)
Number of products per outer master carton	12
Total weight of outer master carton & products	3224 g (7.1 lbs)

WEEE packaging information

Material of single package (incl. weight)	Paper based 122 g (4.3 oz)	Plastic: 13 g (0.5 oz)
Material of outer master carton (incl. weight)	Paper/ Cardboard: 571 g (20.1 oz)	Plastic:
WEEE weight (net weight)	64 g (2.3 oz)	

Battery Information	Charging Case	Right Earbud	Left Earbud	Unit
Lithium-Ion cells	1 (single)	1 (single)	1 (single)	
Qty (# of batteries for this type) inside product	1	1	1	
Qty (# of batteries for this type) outside product	0	0	0	
Vendor	AEC	VDL	VDL	
MPN	AEC652035	ZJ1254C	ZJ1254C	
Capacity	400	55	55	mAh
Size/Format	37.5 x 19.98 x 7.17	Diameter: 12 / Height: 5.4	Diameter: 12 / Height: 5.4	mm
Voltage	3.7	3.7	3.7	V
Weight	8.2	2.02	2.02	g
Energy	1.45	0.204	0.204	Wh
Lithium content (primary)	1.6	0.9	0.9	%