

## Samsung Galaxy Watch5 Pro 3.56 cm (1.4") OLED 45 mm Digital 450 x 450 pixels Touchscreen Titanium Wi-Fi GPS (satellite)

**Brand :** Samsung

**Product family:** Galaxy Watch5 Pro

**Product code:** SM-R920NZTAEUA

**Product name :** Galaxy Watch5 Pro

SM-R920NZTAEUA

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Power through your workout

Go hard knowing that your watch can keep up, with the biggest battery capacity among our wearable series.

Never miss a beat

The powerful 3-in-1 Samsung BioActive Sensor controls three health sensors effectively: Optical Heart Rate, Electrical Heart, and Bioelectrical Impedance Analysis. The sensor can monitor your heart rate, track your cardiovascular health, and record your blood pressure.

Stronger than your toughest workout

Now 2x tougher front display thanks to Sapphire Crystal. It even looks indestructible with Black Titanium or Gray Titanium body cases to take the big hits.

Get your way

Enter the studio and customise from a range of new bands and styles to match your unique look. Mix and match with different combinations only on [samsung.com](https://samsung.com).



Display		Features	
Display diagonal *	3.56 cm (1.4")	Pedometer	✓
Display technology *	OLED	Calories burned	✓
Display technology marketing name	Super AMOLED	Accelerometer	✓
Always-on display	✓	Gyroscope	✓
Colour display	✓	Activity tracker	✓
Display type *	Digital	Personal goals	✓
Display resolution *	450 x 450 pixels	Quality of sleep	✓
Touchscreen *	✓	Ambient light sensor	✓
Display number of colours	16 million colours	Virtual assistant	Samsung Bixby
Display diameter	3.46 cm	Weather display	✓
<b>Design</b>		Timer	✓
Band size *	One Size	Electronic compass	✓
Shape *	Round	Barometer	✓
Market positioning *	Smartwatch	Vibrating alarm clock	✓
Watch case size *	45 mm	Military standard	MIL-STD-810H
Watch case colour *	Titanium	<b>Network</b>	
Watch case material *	Titanium	Mobile network connection *	✗
Band colour *	Grey	GPS (satellite)	✓
Waterproof	✓	BeiDou	✓
International Protection (IP) code	IP68	GLONASS	✓
Waterproof up to	50 m	Galileo	✓
Water resistance	5 ATM	<b>Ports &amp; interfaces</b>	
<b>Performance</b>		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Operating system installed	Wear OS	Bluetooth	✓
RAM capacity	1500 MB	Bluetooth profiles	A2DP, AVRCP, HFP, HSP
Flash memory	16 GB	USB port *	✗
Processor manufacturer	Samsung	Near Field Communication (NFC) *	✓
Processor model	Exynos W920	Wi-Fi *	✓
Processor frequency	1180 MHz		

Performance		Ports & interfaces	
Processor cores	2	Bluetooth version *	5.2
Features		Headphone connectivity *	Bluetooth
Heart rate monitor *	✓	Power	
Heart rate contact sensors	✓	Battery capacity *	590 mAh
Heart rate sensor type	Electrical, Optical	Battery life (max) *	80 h
Blood pressure monitor	✓	Weight & dimensions	
Distance travelled	✓	Width	45.4 mm
		Depth	45.4 mm
		Thickness	1.05 cm
		Weight	46.5 g



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