



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

**Brand :** Samsung

**Product family:** Galaxy Watch5 Pro

**Product code:** SM-R920NZKAEUA

**Product name :** Galaxy Watch5 Pro

SM-R920NZKAEUA

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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.

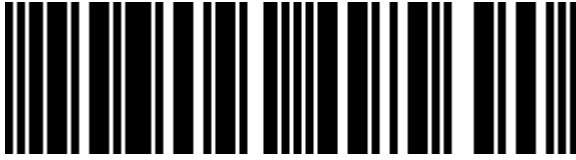
Get your way

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 *	Black	<b>Network</b>	
Watch case material *	Titanium	Mobile network connection *	✗
Band colour *	Black	GPS (satellite)	✓
Waterproof	✓	BeiDou	✓
Protection features	Dust resistant, Waterproof	GLONASS	✓
International Protection (IP) code	IP68	Galileo	✓
Waterproof up to	50 m	<b>Ports &amp; interfaces</b>	
Water resistance	5 ATM	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)
<b>Performance</b>		Bluetooth	✓
Operating system installed	Wear OS	Bluetooth profiles	A2DP, AVRCP, HFP, HSP
RAM capacity	1500 MB	USB port *	✗
Flash memory	16 GB	Near Field Communication (NFC) *	✓
Processor manufacturer	Samsung	Wi-Fi *	✓
Processor model	Exynos W920		

Performance		Ports & interfaces	
Processor frequency	1180 MHz	Bluetooth version *	5.2
Processor cores	2	Headphone connectivity *	Bluetooth
Features		Power	
Heart rate monitor *	✓	Battery capacity *	590 mAh
Heart rate contact sensors	✓	Battery life (max) *	80 h
Heart rate sensor type	Electrical, Optical	<b>Weight &amp; dimensions</b>	
Blood pressure monitor	✓	Width	45.4 mm
Distance travelled	✓	Depth	45.4 mm
		Thickness	1.05 cm
		Weight	46.5 g



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