

# Garmin GPSMAP 66s – 64S



What are the **differences** of the GPSMAP 66s compared to it's predecessors GPSMAP 64s and GPSMAP 62s?

Compared - GPSMAP 66s - GPSMAP 64s

	GPSMAP 66s	GPSMAP 64s
<b>Physical dimensions</b>	2.5" x 6.4" x 1.4 / 6,2 x 16,3 x 3,5 cm	2.4" x 6.3" x 1.4" / 6,1 x 16,0 x 3,6 cm
<b>Weight (with batteries)</b>	8.1 oz (230 g)	8.1 oz (230 g)
<b>Display</b>	<ul style="list-style-type: none"> <li>• 3"</li> <li>• 1,5" x 2,5" / 3,8 x 6,3 cm</li> <li>• 240 x 400 pixels</li> <li>• transfective color TFT</li> </ul>	<ul style="list-style-type: none"> <li>• 2,6"</li> <li>• 1,43" x 2,15" / 3,6 x 5,5 cm</li> <li>• 160 x 240 pixels</li> <li>• transfective 65-K color TFT</li> </ul>
<b>Battery</b>	<ul style="list-style-type: none"> <li>• 2x AA</li> <li>• NiMH battery pack (rechargeable)</li> </ul>	<ul style="list-style-type: none"> <li>• 2x AA</li> <li>• NiMH battery pack (rechargeable)</li> </ul>
<b>Battery life</b>	<ul style="list-style-type: none"> <li>• Up to 16 hours (GPS mode)</li> <li>• Up to 170 hours (Expedition mode)</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 16 hours</li> </ul>

**GPSMAP 66s****GPSMAP 64s**

	<b>GPSMAP 66s</b>	<b>GPSMAP 64s</b>
<b>Waterproof, ruggedness</b>	<ul style="list-style-type: none"> <li>• IPX7</li> <li>• MIL-STD-810G (for thermal, shock and water performance)</li> </ul>	<ul style="list-style-type: none"> <li>• IPX7</li> </ul>
<b>GPS receiver</b>	<ul style="list-style-type: none"> <li>• GPS</li> <li>• GPS/GLONASS</li> <li>• GPS/GALILEO</li> <li>• WAAS/EGNOS</li> <li>• EPO download</li> </ul>	<ul style="list-style-type: none"> <li>• GPS</li> <li>• GPS/GLONASS</li> <li>• WAAS/EGNOS</li> <li>• HotFix</li> </ul>
<b>GPS antenna</b>	<ul style="list-style-type: none"> <li>• Quad-Helix</li> </ul>	<ul style="list-style-type: none"> <li>• Quad-Helix</li> <li>• External (MCX)</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• High-Speed USB (Micro-B)</li> <li>• ANT+</li> <li>• Bluetooth LE</li> <li>• Wi-Fi</li> </ul>	<ul style="list-style-type: none"> <li>• High-Speed USB (Mini-B)</li> <li>• ANT+</li> <li>• Bluetooth 4.0</li> </ul>
<b>Unit-to-unit transfer</b>	<ul style="list-style-type: none"> <li>• ANT+</li> <li>• Bluetooth</li> </ul>	<ul style="list-style-type: none"> <li>• ANT+</li> <li>• Bluetooth</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 16 GB built-in</li> <li>• microSD card (up to 32 GB)</li> </ul>	<ul style="list-style-type: none"> <li>• 4 GB built-in</li> <li>• microSD card (up to 32 GB)</li> </ul>
<b>Output format</b>	<ul style="list-style-type: none"> <li>• FIT</li> <li>• GPX/FIT</li> </ul>	<ul style="list-style-type: none"> <li>• GPX</li> </ul>
<b>Sensors (internal)</b>	<ul style="list-style-type: none"> <li>• Barometric altimeter</li> <li>• 3-axis electronic compass</li> </ul>	<ul style="list-style-type: none"> <li>• Barometric altimeter</li> <li>• 3-axis electronic compass</li> </ul>
<b>Sensors / devices (external)</b>	<ul style="list-style-type: none"> <li>• ANT+ (heart rate, cadence, speed, cadence/speed, temperature, chirp, VIRB, inReach Mini, XERO)</li> <li>• Bluetooth (heart rate, cadence, speed, cadence/speed)</li> </ul>	<ul style="list-style-type: none"> <li>• ANT+ (heart rate, cadence, speed, temperature, chirp, Virb)</li> </ul>
<b>Preloaded maps</b>	<ul style="list-style-type: none"> <li>• Basemap</li> <li>• BirdsEye direct to device (Wi-Fi, no annual subscription)</li> </ul>	<ul style="list-style-type: none"> <li>• Basemap</li> <li>• BirdsEye (1 year subscription included)</li> </ul>
<b>Data</b>	<ul style="list-style-type: none"> <li>• 20,000 points per track log</li> <li>• 250 saved GPX tracks</li> <li>• 300 saved FIT activities</li> <li>• 10,000 waypoints</li> <li>• 250 routes</li> <li>• No limit on geocaches (depending on the available memory)</li> <li>• 15,000 map segments</li> </ul>	<ul style="list-style-type: none"> <li>• 10,000 points per track log</li> <li>• 200 saved GPX tracks</li> <li>• 5,000 waypoints</li> <li>• 200 routes</li> <li>• No limit on geocaches (depending on the available memory)</li> <li>• 3,000 map segments</li> </ul>

## GPSMAP 66s

## GPSMAP 64s

<b>Navigation</b>	<ul style="list-style-type: none"><li>• ActiveRouting</li><li>• Roundtrip</li></ul>	<ul style="list-style-type: none"><li>• ActiveRouting</li></ul>
<b>Smartphone apps</b>	<ul style="list-style-type: none"><li>• Garmin Connect</li><li>• Garmin Explore</li></ul>	<ul style="list-style-type: none"><li>• Garmin Connect</li><li>• Garmin Explore (compatible?)</li></ul>
<b>Connected features</b> (*: Bluetooth, **: Wi-Fi)	<ul style="list-style-type: none"><li>• Live geocache data (*/**)</li><li>• Phone notifications (*)</li><li>• Connect IQ (*)</li><li>• Weather (*/**)</li><li>• Track downloads (*)</li><li>• EPO download (*/**)</li><li>• Live/Group-Track (*)</li><li>• Activity uploads to Garmin Connect (*/**)</li><li>• Software updates (*/**)</li><li>• Birdseye download (**)</li></ul>	<ul style="list-style-type: none"><li>• Phone notifications (*)</li></ul>
<b>Connect IQ</b>	Apps, widgets, data fields	no
<b>Miscellaneous</b>	<ul style="list-style-type: none"><li>• LED flashlight, SOS beacon</li><li>• Red flashing LED near antenna (used for expedition mode)</li><li>• RINEX logging</li></ul>	no