

## Produktinformation



### Apple MacBook Pro with Touch Bar - 13.3" - Core i7 - 32 GB RAM - 1 TB SSD - Swedish

#### Information



<i>Tillverkare</i>	Apple
<i>Artnr</i>	Z0Y6_13_SE_CTO

MacBook Pro elevates the notebook to a whole new level of performance and portability. Wherever your ideas take you, you'll get there faster than ever with a high-performance processor and memory, advanced graphics, blazing-fast storage, and more - all in a compact package.

## Specifikation

### General

<b>Product Type</b>	Notebook
<b>Operating System</b>	Apple macOS Catalina 10.15

### Processor / Chipset

<b>CPU</b>	Intel Core i7 (10th Gen) 2.3 GHz
<b>Max Turbo Speed</b>	4.1 GHz
<b>Number of Cores</b>	Quad-Core
<b>Cache</b>	L3 - 8 MB
<b>64-bit Computing</b>	Yes
<b>Features</b>	Intel Turbo Boost Technology

### Memory

<b>RAM</b>	32 GB (provided memory is soldered)
<b>Technology</b>	LPDDR4X SDRAM
<b>Speed</b>	3733 MHz

### Storage

<b>Main Storage</b>	1 TB SSD - (soldered) PCIe
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### Display

<b>Type</b>	13.3" - IPS
<b>LCD Backlight Technology</b>	LED backlight

<b>Resolution</b>	2560 x 1600 (WQXGA)
<b>Widescreen</b>	Yes
<b>Pixel Density (ppi)</b>	227
<b>Image Brightness</b>	500 cd/m²
<b>Bezel Type</b>	Flat front
<b>Features</b>	BFR/PVC-free, Mercury free, arsenic-free glass, beryllium free, Retina display, True Tone display, 60 Hz refresh rate, P3 Wide Color Gamut

#### Audio & Video

<b>Graphics Processor</b>	Intel Iris Plus Graphics
<b>Camera</b>	Yes - 720p
<b>Camera Features</b>	FaceTime HD camera
<b>Sound</b>	Stereo speakers, three microphones
<b>Compliant Standards</b>	Dolby Atmos

#### Input

<b>Type</b>	Keyboard, Force Touch trackpad, Touch Bar
<b>Keyboard Backlight</b>	Yes
<b>Keyboard Layout</b>	Swedish
<b>Features</b>	Pressure sensitivity, multi-touch touchpad, Multi-Touch Gesture Recognition, ambient light sensor, force click, Touch ID sensor

#### Communications

<b>Wireless</b>	802.11a/b/g/n/ac, Bluetooth 5.0
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#### Battery

<b>Technology</b>	Lithium polymer
<b>Capacity</b>	58 Wh
<b>Run Time</b>	Up to 10 hours
<b>Battery Run Time</b>	Web browsing over Wi-Fi: up to 10 hours Video playback: up to 10 hours Standby time: up to 30 days

#### AC Adapter

<b>Input</b>	AC 120/230 V (50/60 Hz)
<b>Output</b>	61 Watt

#### Connections & Expansion

<b>Interfaces</b>	4 x USB-C 3.1 Gen 2/Thunderbolt 3/DisplayPort (Power Delivery) Headphone output
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#### Software

<b>Software Included</b>	iTunes, Apple iMovie, Apple Safari, Apple GarageBand, Photo Booth, Apple Time Machine, Apple FaceTime, Apple Preview, Mail, Maps, Photos, Reminders, App Store, Contacts, Stocks, Notes, Calendar, Siri, Messages, Apple iBooks, Apple Keynote, Apple Pages, Apple Numbers, News, Voice Memos, Home
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#### Miscellaneous

<b>Colour</b>	Space grey
<b>Case Material</b>	Aluminum
<b>Security</b>	Apple T2 Security Chip, fingerprint reader
<b>Included Accessories</b>	USB-C power adapter
<b>Cables Included</b>	USB-C charge cable
<b>SAR Value</b>	0.9 W/kg (body)
<b>Pricing Type</b>	CTO

#### Dimensions & Weight

<b>Dimensions (WxDxH)</b>	30.41 cm x 21.24 cm x 1.56 cm
<b>Weight</b>	1.4 kg

#### Environmental Standards

<b>ENERGY STAR Certified</b>	Yes
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#### Manufacturer Warranty

<b>Service &amp; Support</b>	Limited warranty - 1 year Technical support - phone consulting - 90 days
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#### Environmental Parameters

<b>Min Operating Temperature</b>	10 °C
<b>Max Operating Temperature</b>	35 °C
<b>Humidity Range Operating</b>	0 - 90% (non-condensing)