

## Produktinformation



### Apple MacBook Pro with Touch Bar - 13.3" - Core i7 - 32 GB RAM - 512 GB SSD - Swedish

#### Information



<i>Tillverkare</i>	Apple
<i>Artnr</i>	Z0Y6_3_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>	512 GB 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	
Colour	Space grey
Case Material	Aluminum
Security	Apple T2 Security Chip, fingerprint reader
Included Accessories	USB-C power adapter
Cables Included	USB-C charge cable
SAR Value	0.9 W/kg (body)
Pricing Type	CTO
Dimensions & Weight	
Dimensions (WxDxH)	30.41 cm x 21.24 cm x 1.56 cm
Weight	1.4 kg
Environmental Standards	
ENERGY STAR Certified	Yes
Manufacturer Warranty	
Service & Support	Limited warranty - 1 year Technical support - phone consulting - 90 days
Environmental Parameters	
Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	0 - 90% (non-condensing)