



## HP ENVY 13-ba0558sa Intel® Core™ i5 i5-10210U Laptop 33.8 cm (13.3") Full HD 8 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce MX350 Wi-Fi 6 (802.11ax) Windows 10 Home Silver

Brand : HP

Product family: ENVY

Product code: 277V9EA

Product name : 13-ba0558sa

- Intel® Core™ i5-10210U (1.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)
  - Windows 10 Home 64
  - 33.8 cm (13.3") diagonal, FHD (1920 x 1080), IPS, edge-to-edge glass, micro-edge, 400 nits, 100% sRGB
  - NVIDIA® GeForce® MX350 (2 GB GDDR5 dedicated)
  - 8 GB memory; 512 GB SSD storage
- ENVY Laptop 13-ba0558sa, 13.3", Windows 10 Home 64, Intel® Core™ i5, 8GB RAM, 512GB SSD, NVIDIA® GeForce® MX350, FHD, Pale gold

HP ENVY 13-ba0558sa Intel® Core™ i5 i5-10210U Laptop 33.8 cm (13.3") Full HD 8 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce MX350 Wi-Fi 6 (802.11ax) Windows 10 Home Silver:

### Ready whenever inspiration strikes

Create on-the-go, anytime, anywhere, with a battery that lasts through your day. Use advanced privacy features, available with the touch of a button, to keep your creations under wraps until you're ready to share them.



Up to 10h 15m  
Battery Life<sup>1</sup>

50% Charge  
in 30 mins<sup>2</sup>

1. Windows 10 Performance is a battery life test that varies depending on various factors including product model, configuration, installed applications, background processes, network connectivity, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See [https://www.hp.com/go/battery](#) for more information on battery life.

2. Recharges your battery up to 50% within 30 minutes when the system is off using "Fast Charge" command. Recommended for use with this laptop charger provided with the notebook, not recommended with a smaller capacity battery or charger. After charging has reached 50% capacity, charging speed will decrease to normal speed. Charging time may vary 1-100% due to system temperature, hardware or model HP products. See [https://www.hp.com/go/battery](#) for a list of product features.



Design		Network	
Product type *	Laptop	Bluetooth	✓
Product colour *	Silver	Bluetooth version	5.0
Form factor *	Clamshell	Miracast	✓
Market positioning	Premium	MIMO	✓
Country of origin	China	MIMO type	Multi User MIMO
Display		Ports & interfaces	
Display diagonal *	33.8 cm (13.3")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD	Charging port type	DC-in jack
Panel type	IPS	USB Type-C DisplayPort Alternate Mode	✓
LED backlight	✓	USB Sleep-and-Charge	✓
Native aspect ratio	16:9	USB Sleep-and-Charge ports	2
Anti-glare screen	✓	Performance	
Display glass type	Edge to Edge Glass	Motherboard chipset	Intel SoC
Display bezel technology	Micro-Edge	Temperature sensor	✓
Display brightness	400 cd/m <sup>2</sup>	Keyboard	
Display diagonal (metric)	33.8 cm	Pointing device	Touchpad
RGB colour space	sRGB	Numeric keypad *	✗
Colour gamut	100%	Keyboard backlight	✓
sRGB coverage (typical)	100%	Island-style keyboard	✓
Processor		Full-size keyboard	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i5	Operating system architecture	64-bit
Processor generation	10th gen Intel® Core™ i5	Pre-installed software	Dropbox, Netflix
Processor model *	i5-10210U	Trial software	McAfee LiveSafe, Microsoft Office 365
Processor cores	4		
Processor threads	8		
Processor boost frequency	4.2 GHz		
Processor frequency *	1.6 GHz		

Processor		Software	
System bus rate	4 GT/s	Operating system installed *	Windows 10 Home
Processor cache	6 MB	<b>Processor special features</b>	
Processor cache type	L3	Intel® My WiFi Technology (Intel® MWT)	✓
Processor socket	BGA 1528	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor lithography	14 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor operating modes	64-bit	Intel® Turbo Boost Technology	2.0
Processor codename	Comet Lake	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	15 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Configurable TDP-up frequency	2.1 GHz	Intel Clear Video Technology	✓
Configurable TDP-up	25 W	Intel® Quick Sync Video Technology	✓
Configurable TDP-down	10 W	Intel Flex Memory Access	✓
Configurable TDP-down frequency	0.8 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Tjunction	100 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Intel TSX-NI	✗
<b>Memory</b>		Intel Stable Image Platform Program (SIPP)	✗
Internal memory *	8 GB	Intel® OS Guard	✓
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory clock speed	2666 MHz	Intel 64	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory slots	1x SO-DIMM	Idle States	✓
ECC	✗	Thermal Monitoring Technologies	✓
<b>Storage</b>		Processor package size	46 x 24 mm
Total storage capacity *	512 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage media *	SSD	CPU configuration (max)	1
Total SSDs capacity	512 GB	Embedded options available	✗
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
SSD interface	PCI Express, NVMe	Processor ARK ID	195436
NVMe	✓	<b>Brand-specific features</b>	
SSD form factor	M.2	HP Audio Boost	✓
Optical drive type *	✗	HP Audio Boost generation	Gen 2
Card reader integrated	✓	HP speaker type	HP Dual Speakers
Compatible memory cards	MicroSD (TransFlash)	HP Imagepad	✓
<b>Graphics</b>		HP front camera	HP Wide Vision HD
Discrete GPU manufacturer	NVIDIA	HP segment	Home
Discrete graphics card model *	NVIDIA GeForce MX350	<b>Battery</b>	
Discrete graphics card memory	2 GB	Battery technology	Lithium Polymer (LiPo)
Discrete graphics memory type	GDDR5	Number of battery cells	3
On-board graphics card *	✓	Battery capacity *	51 Wh
Discrete graphics card *	✓	Battery life (max)	10 h
On-board graphics card model *	Intel® UHD Graphics	Fast charging	✓
On-board graphics card base frequency	300 MHz	Fast charging time (50%)	30 min
On-board graphics card dynamic frequency (max)	1100 MHz	Battery weight	210 g
Maximum on-board graphics card memory	32 GB	<b>Power</b>	
Number of execution units	24	AC adapter power	65 W
On-board graphics card DirectX version	12.0	<b>Sustainability</b>	
On-board graphics card OpenGL version	4.5	Sustainability certificates	EPEAT Silver, ENERGY STAR
On-board graphics card ID	0x9B41		
<b>Audio</b>			
Audio system	Bang & Olufsen		
Number of built-in speakers	2		
Built-in microphone	✓		

Camera		Weight & dimensions	
Front camera	✓	Width	306.5 mm
Front camera signal format	720p	Depth	194.6 mm
Front camera HD type	HD	Height	16.9 mm
Network		Weight *	1.3 kg
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Packaging data	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package width	69 mm
Mobile network connection *	✗	Package depth	483 mm
Antenna type	2x2	Package height	305 mm
WLAN controller model	Intel Wi-Fi 6 AX201	Package weight	2.43 kg
WLAN controller manufacturer	Intel	Technical details	
Ethernet LAN	✗	Notebook display diagonal (cm/inch) 33.8	



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Publication date: 02-JUN-2024. Prints or copies of Information are only valid on the printed Publication date