



HP Elite Dragonfly G3 i7-1255U Notebook 34.3 cm (13.5") WUXGA+ Intel® Core™ i7 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Blue

Brand : HP

Product family: Elite Dragonfly Product code: 818H0EA

Product name : G3

- Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
- Windows 11 Pro
- 34.3 cm (13.5") diagonal WUXGA+ display
- Intel® Iris® X^e Graphics
- 16 GB memory; 512 GB SSD storage
Elite Dragonfly 13.5 inch G3 Notebook PC, 13.5", Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, WUXGA+

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Freedom to work your way

Change the dynamics of the room with the meticulously crafted, ultra-light HP Elite Dragonfly featuring HP Wolf Security for Business.^[5] This beautifully designed, laptop provides a stunning collaboration experience powered by HP Presence^[4] with AI-driven crystal-clear audio and an HD display. Drive productivity with a powerful Intel® Core™ processor^[2], a Wi-Fi 6E^[9] connection, and contextual intelligence.



Design		Ports & interfaces	
Product type *	Notebook	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Product colour *	Blue	HDMI ports quantity *	1
Form factor *	Clamshell	HDMI version	2.0
Market positioning	Premium	Thunderbolt 4 ports quantity	2
Introduction year	2023	Combo headphone/mic port	✓
Display		Charging port type	USB Type-C
Display diagonal *	34.3 cm (13.5")	USB Type-C DisplayPort Alternate Mode	✓
Display resolution *	1920 x 1280 pixels	USB Power Delivery	✓
Touchscreen *	✗	Keyboard	
HD type	WUXGA+	Keyboard special features	Spill-resistant
Panel type	IPS	Pointing device	Clickpad
Anti-glare screen	✓	Numeric keypad *	✗
Display brightness	1000 cd/m ²	Keyboard backlit	✓
Display diagonal (metric)	34.3 cm	Spill-resistant keyboard	✓
RGB colour space	NTSC	Input device model	HP Premium Keyboard
Colour gamut	72%	Software	
Processor		Operating system installed *	Windows 11 Pro
Processor manufacturer *	Intel	Processor special features	
Processor generation	12th gen Intel® Core™ i7	Intel Flex Memory Access	✓
Processor model *	i7-1255U	Intel Trusted Execution Technology	✓
Processor family *	Intel® Core™ i7	Intel VT-x with Extended Page Tables (EPT)	✓
Processor boost frequency	4.7 GHz	Execute Disable Bit	✓
Processor threads	12	CPU configuration (max)	1
Processor cores	10	Embedded options available	✗
Processor cache	12 MB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache type	L3	Intel Virtualization Technology (VT-x)	✓
Configurable TDP-down	12 W		
Memory			
Internal memory *	16 GB		
Internal memory type	LPDDR5-SDRAM		
Memory clock speed	6400 MHz		

Memory		Brand-specific features	
Memory form factor	On-board	HP Sure View	✓
Maximum internal memory *	16 GB	HP Connection Optimizer	✓
Non-ECC	✓	HP Support Assistant	✓
Storage		HP segment	Business
Total storage capacity *	512 GB	Battery	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	512 GB	Number of battery cells	6
Number of SSDs installed	1	Battery capacity *	68 Wh
SSD capacity	512 GB	Fast charging time (50%)	30 min
SSD interface	PCI Express	Power	
NVMe	✓	AC adapter power	65 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete graphics card model *	Not available	Security	
On-board graphics card *	✓	Fingerprint reader	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM)	✓
On-board graphics card family	Intel Iris Xe Graphics	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
Audio		Password protection type	BIOS, Power on, User
Audio system	B&O PLAY	Sustainability	
Speakers manufacturer	Bang & Olufsen	Sustainability compliance	✓
Network		Sustainability certificates	TCO, ENERGY STAR
Mobile network generation	4G	Weight & dimensions	
4G standard	LTE-TDD & LTE-FDD	Width	297.4 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Depth	220.4 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Height	16.4 mm
Mobile network connection *	✓	Weight *	990 g
Antenna type	2x2	Packaging data	
WLAN controller model	Intel Wi-Fi 6E AX211	Package width	69 mm
WLAN controller manufacturer	Intel	Package depth	449 mm
Ethernet LAN	✗	Package height	305 mm
Bluetooth	✓		
Bluetooth version	5.2		
Near Field Communication (NFC)	✓		



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