



# HP ProBook Fortis G9 Intel® Celeron® N5100 Laptop 35.6 cm (14") HD 4 GB DDR4-SDRAM 128 GB SSD Wi-Fi 6 (802.11ax) Windows 11 SE Education Black



**Brand :** HP

**Product family:** ProBook

**Product code:** 6A221EA

**Product name :** Fortis G9

- Intel® Celeron® N5100 (up to 2.8 GHz burst frequency, 4 MB L3 cache, 4 cores)
  - Windows 11 SE for Education
  - 35.6 cm (14") diagonal HD display
  - Intel® UHD Graphics
  - 4 GB memory; 128 GB SSD storage
- ProBook Fortis 14 inch G9 Notebook PC, 14", Windows 11 SE for Education, Intel® Celeron®, 4GB RAM, 128GB SSD, HD

[HP ProBook Fortis G9 Intel® Celeron® N5100 Laptop 35.6 cm \(14"\) HD 4 GB DDR4-SDRAM 128 GB SSD Wi-Fi 6 \(802.11ax\) Windows 11 SE Education Black:](#)

Ruggedly engineered for productivity everywhere

The ruggedly built HP ProBook Fortis provides reliability and performance for workers and students who need a PC they can work with throughout the day—wherever the day takes them. The large 14-inch diagonal screen, robust connectivity options, and collaboration tools enhance productivity and engagement from almost anywhere.



Design		Ports & interfaces	
Colour name	Jack black	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Product type *	Laptop	Ethernet LAN (RJ-45) ports	1
Product colour *	Black	HDMI ports quantity *	1
Form factor *	Clamshell	HDMI version	1.4b
Market positioning	Everyday	Combo headphone/mic port	✓
Introduction year	2022	USB Type-C DisplayPort Alternate Mode	✓
Country of origin	China	USB Power Delivery	✓
Original brand name	HP		
Display		Keyboard	
Display diagonal *	35.6 cm (14")	Keyboard special features	Spill-resistant
Display resolution *	1366 x 768 pixels	Pointing device	Clickpad
Touchscreen *	✗	Numeric keypad *	✗
HD type	HD	Spill-resistant keyboard	✓
Anti-glare screen	✓	Software	
Display bezel technology	Micro-Edge	Pre-installed software	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Easy Clean; Buy Office (Sold separately); myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; HP Classroom Manager (Sold separately); HP QuickDrop
Display brightness	250 cd/m <sup>2</sup>	Operating system installed *	Windows 11 SE Education
Display diagonal (metric)	35.6 cm	Processor special features	
RGB colour space	NTSC	Enhanced Intel SpeedStep Technology	✓
Colour gamut	45%	Intel Trusted Execution Technology	✗
Processor		Intel VT-x with Extended Page Tables (EPT)	✓
Processor manufacturer *	Intel	Intel Software Guard Extensions (Intel SGX)	✗
Processor family *	Intel® Celeron®	Intel 64	✓
Processor model *	N5100		
Processor cores	4		
Processor threads	4		
Processor boost frequency	2.8 GHz		
Processor frequency *	1.1 GHz		
Processor cache	4 MB		
Processor cache type	L3		
Memory			
Internal memory *	4 GB		
Internal memory type	DDR4-SDRAM		
Memory clock speed	3200 MHz		

<b>Memory</b>		<b>Processor special features</b>	
Memory form factor	On-board	Idle States	✓
Maximum internal memory *	4 GB	CPU configuration (max)	1
ECC	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Non-ECC	✓	Intel Virtualization Technology (VT-x)	✓
<b>Storage</b>		<b>Brand-specific features</b>	
Total storage capacity *	128 GB	HP Connection Optimizer	✓
Storage media *	SSD	HP Support Assistant	✓
Total SSDs capacity	128 GB	HP Smart AC Adapter	✓
Number of SSDs installed	1	HP Security tools	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Nano Security lock slot; HP Sure Sense; BIOS Update via Network; HP BIOSphere Gen6; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN
SSD capacity	128 GB		
SSD interface	PCI Express		
NVMe	✓		
Optical drive type *	✗	HP Management tools	HP Client Management Script Library (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Connect for Microsoft Endpoint Manager
<b>Graphics</b>			
Discrete graphics card model *	Not available		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel	HP segment	Business
Discrete graphics card *	✗		
On-board graphics card family	Intel® UHD Graphics	HP GTIN (EAN/UPC)	196548875450
On-board graphics card model *	Intel® UHD Graphics		
<b>Audio</b>		<b>Battery</b>	
Built-in speaker(s)	✓	Battery technology	Lithium-Ion (Li-Ion)
Number of built-in speakers	2	Number of battery cells	3
Built-in microphone	✓	Battery capacity *	42 Wh
Number of microphones	2	<b>Power</b>	
<b>Camera</b>		AC adapter power	45 W
Front camera	✓	AC adapter frequency	50 - 60 Hz
Front camera signal format	720p	AC adapter input voltage	100 - 240 V
Front camera HD type	HD	<b>Security</b>	
<b>Network</b>		Cable lock slot	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Trusted Platform Module (TPM)	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Trusted Platform Module (TPM) version	2.0
Mobile network connection *	✗	Password protection	✓
Antenna type	2x2	Password protection type	BIOS, Power on, User
WLAN controller model	Intel Wi-Fi 6 AX201	<b>Sustainability</b>	
WLAN controller manufacturer	Intel	Sustainability compliance	✓
Bluetooth	✓	Sustainability certificates	ENERGY STAR
Bluetooth version	5.0	Sustainable technologies and materials	20% post-consumer recycled plastic; Recycled plastic cushions; External power supply 90% efficiency; Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; TCO 8.0 certified
<b>Ports &amp; interfaces</b>			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	<b>Weight &amp; dimensions</b>	
		Width	336 mm
		Depth	230 mm
		Height	21.9 mm
		Weight *	1.66 kg

**Packaging data**

Package width	69 mm
Package depth	449 mm
Package height	305 mm

**Packaging content**

Keyboard included	✓
Stylus pen	✗

**Other features**

Number of speakers	2
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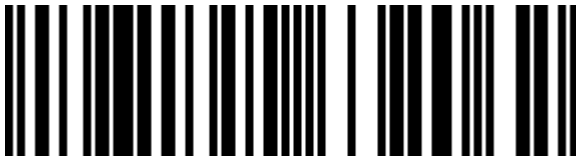
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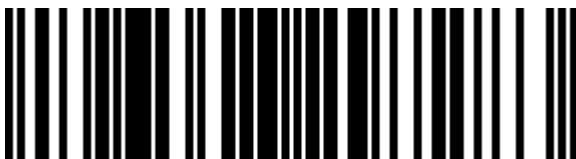
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