



# HP Chromebook 11 G9 Intel® Celeron® N5100 29.5 cm (11.6") HD 4 GB LPDDR4x-SDRAM 32 GB eMMC Wi-Fi 6 (802.11ax) ChromeOS Black



**Brand :** HP

**Product family:** Chromebook

**Product code:** 4L1H1EA#ABH

**Product name :** 11 G9

HP Chromebook 11 G9. Product type: Chromebook, Form factor: Clamshell. Processor family: Intel® Celeron®, Processor model: N5100, Processor frequency: 1.1 GHz. Display diagonal: 29.5 cm (11.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: LPDDR4x-SDRAM. Total storage capacity: 32 GB, Storage media: eMMC. On-board graphics card model: Intel® UHD Graphics. Operating system installed: ChromeOS. Product colour: Black

| Design                            |                       | Network   |                         |
|-----------------------------------|-----------------------|---|-------------------------|
| Colour name                       | Jack black            | Miracast  | ✓                       |
| Product type *                    | Chromebook            | MIMO  | ✓                       |
| Product colour *                  | Black                 | MIMO type   | Multi User MIMO         |
| Form factor *                     | Clamshell             | Ports & interfaces                                      |                         |
| Market positioning                | Cloud computing       | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *       | 2                       |
| Introduction year                 | 2022                  | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *       | 2                       |
| Intel® vPro™ Platform Eligibility | ✗                     | Combo headphone/mic port                                | ✓                       |
| Country of origin                 | China                 | USB Type-C DisplayPort Alternate Mode                   | ✓                       |
| Original brand name               | HP                    | Keyboard  |                         |
| Display                           |                       | Keyboard special features                               | Stoot- en morsbestendig |
| Display diagonal *                | 29.5 cm (11.6")       | Pointing device   | Clickpad                |
| Display resolution *              | 1366 x 768 pixels     | Numeric keypad *  | ✗                       |
| Touchscreen *                     | ✗                     | Island-style keyboard                                   | ✓                       |
| HD type                           | HD                    | Spill-resistant keyboard                                | ✓                       |
| Panel type                        | SVA                   | Full-size keyboard                                      | ✓                       |
| Native aspect ratio               | 16:9                  | Keyboard layout   | QWERTY                  |
| Anti-glare screen                 | ✓                     | Software  |                         |
| Display brightness                | 220 cd/m <sup>2</sup> | Operating system installed *                            | ChromeOS                |
| Display diagonal (metric)         | 29.5 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                 | Idle States   | ✓                       |
| Processor cores                   | 4                     | CPU configuration (max)                                 | 1                       |
| Processor threads                 | 4                     | Intel Virtualization Technology for Directed I/O (VT-d) | ✓                       |
| Processor boost frequency         | 2.8 GHz               | Memory  |                         |
| Processor frequency *             | 1.1 GHz               | Internal memory *                                       | 4 GB                    |
| Processor cache                   | 4 MB                  | Internal memory type                                    | LPDDR4x-SDRAM           |
| Processor cache type              | L3                    |   |                         |

|  |                                      |  |                      |
|--|--------------------------------------|--|----------------------|
| <b>Memory</b>                                  |                                      | <b>Processor special features</b>      |                      |
| Memory clock speed                             | 4266 MHz                             | Intel Virtualization Technology (VT-x) | ✓                    |
| Memory form factor                             | On-board                             | <b>Brand-specific features</b>         |                      |
| Memory slots                                   | 1x SO-DIMM                           | HP segment                             | Business             |
| Maximum internal memory *                      | 4 GB                                 | <b>Battery</b>                         |                      |
| Number of free internal memory expansion slots | 1                                    | Battery technology                     | Lithium-Ion (Li-Ion) |
| ECC  | ✗                                    | Number of battery cells                | 2                    |
| Non-ECC  | ✓                                    | Battery capacity *                     | 47 Wh                |
| <b>Storage</b>                                 |                                      | Fast charging                          | ✓                    |
| Total storage capacity *                       | 32 GB                                | Fast charging time (90%)               | 90 min               |
| Storage media *                                | eMMC                                 | Battery weight                         | 190 g                |
| Flash memory                                   | 32 GB                                | <b>Power</b>                           |                      |
| Optical drive type *                           | ✗                                    | AC adapter power                       | 45 W                 |
| Card reader integrated                         | ✓                                    | AC adapter frequency                   | 50 - 60 Hz           |
| Compatible memory cards                        | MicroSD (TransFlash), SD, SDHC, SDXC | AC adapter input voltage               | 100 - 240 V          |
| <b>Graphics</b>                                |                                      | USB Type-C charging port *             | ✓                    |
| Discrete graphics card model *                 | Not available                        | USB Power Delivery (USB PD)            | ✓                    |
| On-board graphics card *                       | ✓                                    | <b>Security</b>                        |                      |
| On-board GPU manufacturer                      | Intel                                | Cable lock slot                        | ✓                    |
| Discrete graphics card *                       | ✗                                    | Password protection                    | ✓                    |
| On-board graphics card family                  | Intel® UHD Graphics                  | Password protection type               | BIOS, Power on, User |
| On-board graphics card model *                 | Intel® UHD Graphics                  | <b>Certificates</b>                    |                      |
| <b>Audio</b>                                   |                                      | Low halogen                            | ✓                    |
| Built-in speaker(s)                            | ✓                                    | <b>Sustainability</b>                  |                      |
| Number of built-in speakers                    | 2                                    | Sustainability compliance              | ✓                    |
| Built-in microphone                            | ✓                                    | Sustainability certificates            | ENERGY STAR, TCO     |
| <b>Camera</b>                                  |                                      | <b>Weight &amp; dimensions</b>         |                      |
| Front camera                                   | ✓                                    | Width                                  | 295 mm               |
| Front camera HD type                           | HD                                   | Depth                                  | 205.3 mm             |
| <b>Network</b>                                 |                                      | Height                                 | 18.8 mm              |
| Top Wi-Fi standard *                           | Wi-Fi 6 (802.11ax)                   | Weight *                               | 1.34 kg              |
| Wi-Fi standards                                | Wi-Fi 6 (802.11ax)                   | <b>Packaging data</b>                  |                      |
| Mobile network connection *                    | ✗                                    | Package width                          | 67 mm                |
| Antenna type                                   | 2x2                                  | Package depth                          | 435 mm               |
| WLAN controller model                          | Intel Wi-Fi 6 AX201                  | Package height                         | 260 mm               |
| WLAN controller manufacturer                   | Intel                                | <b>Packaging content</b>               |                      |
| Bluetooth                                      | ✓                                    | Keyboard included                      | ✓                    |
| Bluetooth version                              | 5.0                                  | Stylus pen                             | ✗                    |
|  |                                      | <b>Other features</b>                  |                      |
|  |                                      | Number of speakers                     | 2                    |



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