ComX Computers
Product Specification Sheet

C38KTAT

HP Probook 4 G1a 14 Notebook Ryzen 5 220 4.9GHz 16GB 512GB 14" WUXGA 740M BT Win 11 Pro

Product Overview

HP Probook 4 G1a 14 Series C38KTAT Silver Notebook, AMD Ryzen 5 220 Six (6) Core Turbo Boost up to 4.9Ghz 16MB L3 Cache Processor, 16GB DDR5-5600 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 14" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 300nits LED Backlit Display, AMD Radeon 740M Graphics, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 3 Cell Battery, Fingerprint Reader, Backlit Keyboard, 2x USB Type-A 5Gbps, 2x USB Type-C 10Gbps (USB Power Delivery 3.0 / DisplayPort 1.4), HDMI output, 1.4 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty











Specifications

Summary Overview:

Upgrade your workflow with the sleek and powerful HP ProBook 4 G1ah, now available for purchase in South Africa. This business-class 14-inch laptop combines durable design with cutting-edge performance, powered by an AMD Ryzen 5 processor and a generous 16GB of DDR5 memory to handle demanding multitasking effortlessly.

Equipped with a crisp WUXGA display, Windows 11 Pro, and robust security features like HP Sure Sense, this machine is built for professionals who need reliability. Secure your high-performance laptop today by buying now from our store.

Laptop performance tier: Business

Uses: Office productivity, multitasking, business applications, secure computing, remote work

Overview:

The HP ProBook 4 G1ah 14-inch Notebook PC, part number C38KTAT, is a robust solution designed for businesses that demand reliability and performance without breaking the budget. Powered by an AMD Ryzen 5 220 processor with six cores and a turbo boost up to 4.9 GHz, this machine handles demanding multitasking tasks with ease while maintaining efficient power consumption. The system comes equipped with 16 GB of DDR5-5600 memory, ensuring smooth operation for modern applications, and includes a 512 GB PCIe NVMe SSD for rapid boot times and quick file access.

Built for the hybrid workforce, this laptop features a 14-inch WUXGA display with a 16:10 aspect ratio, delivering crisp visuals and ample screen real estate for productivity. Security is a top priority with enterprise-grade protections like HP Sure Click and HP Sure Sense, which defend against malware and zero-day threats using advanced AI techniques. Whether working from the office or at home, users benefit from fast Wi-Fi 6 connectivity, a spill-resistant backlit keyboard, and comprehensive management tools that simplify IT maintenance.

Description

This HP ProBook offers a premium blend of performance and durability tailored for professional environments. The AMD Ryzen AI processor provides up to 16 TOPS of NPU power, enabling seamless AI-driven tasks and enhanced productivity workflows. With Windows 11 Pro pre-installed, the laptop ensures compatibility with business applications and includes Microsoft Copilot integration for intelligent summarization and organization. The device supports up to 64 GB of memory across two accessible slots, allowing for future upgrades as needs grow.

The sleek Pike Silver chassis houses essential connectivity options including dual USB Type-C ports supporting DisplayPort and power delivery, HDMI 2.1 output, and a dedicated Ethernet port. Security features extend beyond software with a fingerprint reader, IR camera for Windows Hello facial recognition, and HP Tamper Lock hardware protection. The battery life is optimized for all-day use, featuring fast charging capabilities that restore 50% charge in just 30 minutes.

Features:

Key Performance Highlights

- CPU: AMD Ryzen 5 220 (6 cores, 12 threads, up to 4.9 GHz boost, 16 MB L3 cache)
- RAM: 16 GB DDR5-5600 SO-DIMM (upgradeable to 64 GB via 2 SODIMM slots)
- Storage: 512 GB M.2 PCIe NVMe SSD
- OS: Microsoft Windows 11 Professional 64-bit with Copilot integration

Display and Visuals

- Screen Size: 14-inch diagonal WUXGA (1920 x 1200) IPS panel
- Resolution: 1920 x 1200 with 16:10 aspect ratio
- Brightness: 300 nits anti-glare LED backlight
- Color Gamut: 62.5% sRGB coverage for accurate color reproduction

Connectivity and Ports

- Wireless: Wi-Fi 6E (802.11ax) with Bluetooth 5.3
- Ethernet: Gigabit LAN (RJ-45)
- Video Output: HDMI 2.1 port for external displays
- USB Ports: Two USB Type-A 5Gbps and two USB Type-C 10Gbps with Power Delivery 3.0/DisplayPort 1.4 support

Built-in Security Features

- HP Sure Click for hardware-enforced protection against malicious websites
- HP Sure Sense using behavioral analysis and AI to stop new threats
- Fingerprint reader and IR camera for biometric login (Windows Hello)
- TPM 2.0 embedded security chip for data encryption

Design and Build Quality

- Chassis Color: Pike Silver with soft gray spill-resistant keyboard
- Weight: Starting at 1.4 kg (approx. 3.09 lb)
- Dimensions: 31.86 x 22.43 cm, tapering from 1.7 cm to 1.09 cm
- Battery: 56 Wh Li-ion polymer with fast charge support

Audio and Input Devices

- Speakers: Dual stereo speakers powered by Poly Studio
- Mic: Dual array microphones for clear conferencing
- Touchpad: Multi-touch gesture clickpad for precise control
- Camera: 5 MP IR camera with privacy shutter

Sustainability and Certifications

- Eco-friendly materials including recycled plastic and metal components
- TCO Certified and EPEAT Gold registered configurations
- MIL-STD 810H tested for durability in challenging environments
- ENERGY STAR certified for power efficiency

What's in the box

- HP ProBook 4 G1ah Notebook PC (C38KTAT)
- 65 W USB Type-C power adapter
- Power cord and documentation
- Warranty card and safety information

Specifications:

Operating system	Windows 11 Pro
Processor family	AMD Ryzen 5 processor

Processor	AMD Ryzen 5 220 (up to 4.9 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)
Graphics	Integrated
	AMD Radeon 740M Graphics
Memory	16 GB DDR5-5600 MT/s (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe NVMe SSD
Display	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, low power, 62.5% sRGB
Display	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, low power, 62.5% sRGB
Touchscreen	No
Color gamut	62.5% sRGB
Brightness	300 nits
Dimensions (W x D x H)	31.86 x 22.43 x 1.09 cm (front) , 31.86 x 22.43 x 1.7 cm (rear) (Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)
Weight	Starting at 1.4 kg (Weight will vary by configuration. Does not include power adapter.)
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer
Battery life	(Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.)
Wireless	MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth 5.3 wireless card
Network interface	Realtek RTL8111HSH-CG GbE
Product color	Pike silver
Keyboard	Spill-resistant, backlit keyboard
Keyboard color	Soft gray
Camera	5 MP IR camera
Audio	Audio by Poly Studio, dual stereo speakers, dual array microphones
Pointing device	Clickpad with multi-touch gesture support
Ports	1 HDMI 2.1 , 1 stereo headphone/microphone combo jack , 1 RJ-45 , 1 security lock slot , 2 USB Type-A 5Gbps signaling rate (powered) , 2 USB Type-C 10Gbps signaling rate (USB Power Delivery 3.0, DisplayPort 1.4)
Power	65 W USB Type-C adapter
Fingerprint reader	Fingerprint reader
Input devices	HP Sure Platform , Thermal sensor , HP Tamper Lock , Hall effect sensor
Ecolabels	TCO Certified
Sustainable impact specifications	Low halogen , Bulk packaging available , 20% post-consumer recycled plastic , 50% ocean-bound plastic , 50% recycled metal , 100% of HP paper-based packaging is from recycled or certified sustainable sources
Series Specifications	

Available Operating Systems	Windows 11 Pro
	Windows 11 Home - HP recommends Windows 11 Pro for business
	Windows 11 Home Single Language - HP recommends Windows 11 Pro for business
	Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement)
	FreeDOS
Processor family	AMD Ryzen AI 7 processor
	AMD Ryzen AI 5 processor
	AMD Ryzen 5 processor
	AMD Ryzen 3 processor
Neural Processing Unit	AMD Ryzen AI
Product colour	Pike silver
Maximum memory	32 GB DDR5-5600 MT/s , (Transfer rates up to 5600 MT/s.)
	Both slots are accessible/upgradeable by IT or self-maintainers only. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	M.2 PCIe NVMe M.2 SSD
Display size (diagonal, metric)	35.6 cm (14")
Display	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease , 14" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, low power, 62.5% sRGB , 14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, low power, 62.5% sRGB , 14" diagonal, 2.2K (2240 x 1400), IPS, 60 Hz, anti-glare, 400 nits, 100% sRGB with HP Eye Ease
	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease , 35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, low power, 62.5% sRGB , 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, low power, 62.5% sRGB , 35.6 cm (14") diagonal, 2.2K (2240 x 1400), IPS, 60 Hz, anti-glare, 400 nits, 100% sRGB with HP Eye Ease
	Integrated: AMD Radeon Graphics
Available Graphics	(Support DX12 and HDMI 2.1.)
Audio	Audio by Poly Studio, dual stereo speakers, dual array microphones
Ports and connectors	1 HDMI 2.1 , 1 stereo headphone/microphone combo jack , 1 RJ-45 , 1 security lock slot , 2 USB Type-A 5Gbps signaling rate (powered) , 2 USB Type- C 10Gbps signaling rate (USB Power Delivery 3.0, DisplayPort 1.4) , (Cables are not included.)
Input devices	Spill-resistant, with numeric keypad, optional backlit keyboard and DuraKeys51 , Clickpad with multi-touch gesture support , Microsoft Precision Touchpad , HP Sure Platform , Thermal sensor , HP Tamper Lock , Hall effect sensor
Communications	(Compatible with Miracast-certified 11)
	Realtek RTL8111HSH-CG GbE , Realtek RTL8111EPP 1 GbE Ethernet Controller
	Realtek Wi-Fi 6E RTL8852CE 802.11a/b/g/n/ax (2x2) and Bluetooth 5.3 wireless card , MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth 5.3 wireless card , MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth 5.4 wireless card
	HP 4G LTE Advanced Pro Cat 16 WWAN eSIM

Camera	FHD camera (select models) , 5 MP IR camera (select models)
Software	Buy Microsoft Office (sold separately) , Edge Customization , HP Connection Optimizer , HP Hotkey support , HP MAC Address Manager , HP Notifications , HP UEFI BIOS Certification level 2.8 , HP PC Hardware Diagnostics Windows , HP Privacy Settings , HP Services Scan , HP Smart Support , HP Support Assistant , myHP , HSA Fusion for Commercial , HSA Telemetry for Commercial , Poly Camera Pro , Poly Lens , Copilot in Windows with Copilot key
Security management	HP Sure Admin , HP Sure Click , HP Sure Recover , HP Sure Run , HP Sure Sense , HP Sure Start , HP Tamper Lock , Secured-Core PC Enable , TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified) , Absolute Persistence Module , Audio Permanent Disable , HP BIOS Recovery , BIOS Update via Network , HP BIOSphere , HP DriveLock and Automatic DriveLock , HP Secure , HP Wake on WLAN , Windows Hello Enhanced SIgn-in Security (ESS) Enable
Security Software Licenses	HP Wolf Pro Security Edition
Fingerprint reader	Fingerprint sensor (select models)
Management features	HP Client Catalog (download) , HP Client Management Script Library (download) , HP Cloud Recovery , HP Connect for Microsoft Endpoint Manager , HP Driver Packs (download) , HP Image Assistant (download) , HP Manageability Integration Kit (download) , HP Power Manager with Battery Health Manager (download)
Memory card device	1 nano SIM (optional)
Power	65 W USB Type-C adapter , HP 100 W USB Type-C slim adapter , HP 65 W USB Type-C Halogen-free adapter
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer , HP Long Life 3-cell, 48 Wh Li-ion polymer41 , Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.
Battery life	Up to 15 hours and 30 minutes
Dimensions	12.54 x 8.83 x 0.43 in (front) , 12.54 x 8.83 x 0.67 in (rear) , 31.86 x 22.43 x 1.09 cm (front) , 31.86 x 22.43 x 1.7 cm (rear) , (Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)
Weight	Starting at 3.09 lb , Starting at 1.4 kg , (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT registered configurations available , TCO Certified configurations available , EPEAT Gold registered in the U.S.
Energy star certified	ENERGY STAR certified
Certification and compliance	CECP , GS Mark , CSA/UL 62368-1 , FCC/ICES/CISPR/VCCI , CE Marking , China CCC/SRRC , Taiwan BSMI/NCC , Korea KCC/KC/KES , Ukraine NSoC/TEC , EAEU Compliance , Saudi Arabian Compliance , Low blue light , WW RoHS , MIL-STD 810H
Sustainable impact specifications	Low halogen , Bulk packaging available , 20% post-consumer recycled plastic , 50% ocean-bound plastic , 50% recycled metal , 100% of HP paper-based packaging is from recycled or certified sustainable sources

FAQ

Is the memory and storage on this notebook upgradeable?

Yes, the HP ProBook 4 G1a features two accessible SODIMM slots that support up to 64GB of DDR5-5600 memory and an M.2 PCIe slot for a 2280 SSD, allowing you to expand capabilities as needed.

What kind of connectivity ports are available on the device?

This model includes two USB Type-C ports with Power Delivery 3.0 and DisplayPort support, two USB Type-A 5Gbps ports,

an HDMI output, a Gigabit Ethernet LAN port, and a combo headphone/microphone jack.

Does this laptop include a touchscreen or optical drive?

No, the 14-inch WUXGA display is non-touch with an anti-glare finish, and there is no CD or DVD optical drive included in this configuration.

What security features are built into this business notebook?

The system offers enterprise-level protection including HP Sure Click, HP Sure Sense for AI-based malware defense, a fingerprint reader, TPM 2.0 embedded security chip, and Windows Hello support.

How fast is the wireless connection on this model?

The laptop is equipped with Wi-Fi 6 (802.11ax) technology designed to provide reliable gigabit-speed connectivity even in dense wireless environments.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/Buy-Notebooks-Laptops-C38KTAT-HP-Probook-4-G1a-14-Notebook-Ryzen-5-220-4-9GHz-16GB-lp-342517.php

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