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Product Sheet



VeriMark™ IT 2.0 USB-C® Fingerprint Key

Part Number: K64705WW | UPC Code: 0 85896 03831 3

Biometric Security. Built for Windows Hello.

Windows users seeking the convenience of biometric login often find that fingerprint security keys either lack deep Windows integration or create unnecessary IT deployment complexity. Organisations require a modern solution that works seamlessly with Windows Hello, supports passwordless access to Microsoft services, and meets Microsoft Enhanced Sign-in Security (ESS)* requirements.

The VeriMark™ IT 2.0 USB-C® Fingerprint Security Key is designed to meet that need as one of the first fingerprint security keys to support Microsoft ESS*. VeriMark™ IT delivers fast, password-free authentication through native Windows Hello integration without requiring additional software.

A dependable USB-C® connection ensures consistent performance, while Match-in-Sensor™ technology securely processes and stores fingerprint data within the device for reliable, enterprise-ready authentication.

- **Windows Hello & WebAuthn passwordless authentication**
- **SDCP & Windows Hello ESS* certified security**
- **Copilot PC+ Recall ready**
- **Match-in-Sensor™ with on-device biometric processing**
- **360° fingerprint sensor with AI-enhanced accuracy**
- **FRR 2.2% / FAR 0.0001%**
- **Supports Windows 11 on x86 and ARM architectures**
- **Rugged zinc alloy housing with cap & tether**
- **No additional software required**
- **2-year limited warranty**

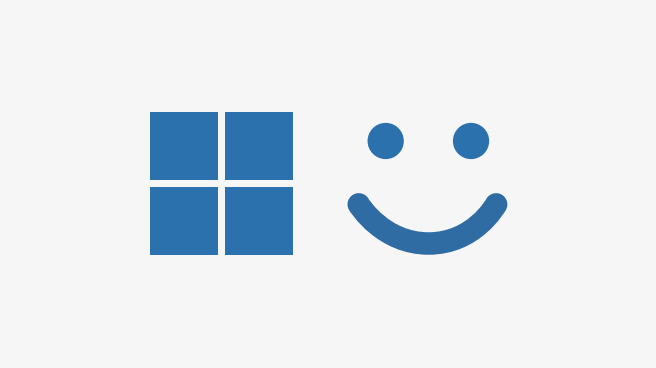
*Windows Hello Enhanced Sign-in Security requires a PC running Windows 11 with the latest updates.

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Seamless Windows Hello and WebAuthn Integration

Provides password free login through native Windows Hello integration, enabling fast fingerprint access to Windows accounts, single sign on to Microsoft 365 services—including Entra ID, OneDrive, and Outlook—and WebAuthn based passwordless authentication for supported websites, without additional software.



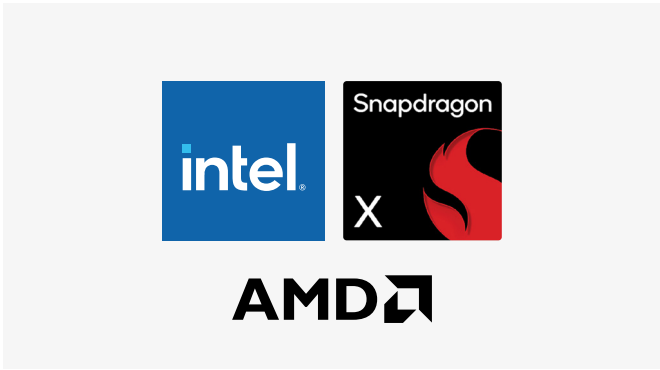
SDCP & ESS Certified Security

Complies with Microsoft's Secure Device Connection Protocol (SDCP) and Windows Hello Enhanced Sign in Security (ESS)*, providing an extra layer of protection for fingerprint authentication and isolating biometric data from system level threats.



Copilot PC+ Recall Ready

Meets Microsoft's Copilot PC+ Recall requirements and supports Windows Hello with ESS compliant authentication, ensuring compatibility with current and emerging Windows enterprise security features.



Compatible with Windows on x86 and ARM

Supports Windows 11 on x86 and ARM architectures, enabling reliable biometric authentication across newer ARM based Windows devices, without compromising Windows Hello fingerprint login functionality.

*Windows Hello Enhanced Sign in Security requires a PC running Windows 11 with the latest updates.

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Reliable Fingerprint Recognition

Delivers consistent, accurate fingerprint recognition in everyday use, supporting dependable Windows Hello authentication across common finger conditions. A 360° sensor ensures reliable reads from any angle.



Match-in-Sensor™ Technology

Uses Match-in-Sensor™ technology to process and store biometric data entirely within the device, isolating credentials from the host system while delivering high precision accuracy. AI driven fingerprint recognition improves performance over time, with a low False Rejection Rate (FRR) of 2.2% and a False Acceptance Rate (FAR) of 0.0001%.



Compact Design with Cap & Tether

Designed for portability and durability, this fingerprint key features a rugged zinc alloy body and includes a removable protective cap and tether cord. This allows users to securely carry it with a laptop or attach it to a workspace, helping reduce loss and making it ideal for shared environments and travel between workstations.



Supports Privacy and Regulatory Compliance

Designed to support cybersecurity measures consistent with (but not limited to) such privacy laws and regulations as GDPR, BIPA, and CCPA. Ready for use in U.S. Federal Government institutions and organisations.

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Technical Specifications

VeriMark™ IT 2.0 USB-C® Fingerprint Key

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System Requirements

Operating Systems Supported	Windows 11 and Windows 10
Plug & Play	Yes; no drivers needed

Interface

Type of USB Connector	USB 2.0
Host Connector	USB-C® (USB 2.0/3.0 compatible)

Security

Secure IC	Realtek RTS 5816

Cryptographic Capabilities

Public Key Cryptography	RSA (2048/3072/4096) / ECC(256/384)
Symmetric Encryption	AES256
Integrity & Hashing	SHA (256/384/512) / HMAC
Entropy/Randomness	TRNG

LED Indicators

White LED On	Request fingerprint for login
White LED Blinking (1x)	Recognise the correct fingerprint
White LED off	Standby mode
Red LED Blinking (3x)	Error/Incorrect fingerprint

Product Dimensions

Unit Weight	0.01lb (5g)
Unit Dimensions	0.70 × 0.82 × 0.29in (18 × 16 × 7mm)
Enclosure Color & Material	Zinc Alloy Black PC/ABS (cap)

Packaging Dimensions

Packaging Style	FSC® certified brown box
Packaging Dimensions	Unit: 0.79 × 3.15 × 5.28in (20 × 80 × 134mm) Master Carton: 5.39 x 4.45 x 4.13in (137 x 113 x 105mm)
Packaging Weight	Unit: 0.08lbs (0.04kg) Master Carton: 0.34lbs (0.2kg)
Master Carton	5pcs
Packaging Content	1 × VeriMark™ IT 2.0 USB-C® Fingerprint Key 1 × Welcome Insert 1 × Warranty Insert 1 × RoHS Sheet

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Power & Environmental

Power Imaging	100mA @ 5V
Power Standby	1mA @ 5V
Operating Temperature	32 to 140°F (10 to 60°C)
Storage Temperature	-4 to 185°F (-20 to 70°C)

Country of Origin, Regulatory, and Warranty

Country of Origin	Taiwan
Certifications & Compliance	REACH, RoHS, FCC, CE, WEEE, Windows Hello, WHQL
Warranty	2-Year Limited

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