



SISVEL Wi-Fi Multimode Program

Royalty Benchmark

Disclaimer: This document is illustrative only and is provided merely for potential licensees to evaluate the Sisvel Wi-Fi Multimode license offer. It should not be interpreted as an exhaustive list of considerations that Sisvel made when determining the rates for its Wi-Fi MM Program.

Wi-Fi technology is a cornerstone of modern society, powering everything from communication and entertainment to business and public services. These conveniences are the result of years of research, development, and standardization efforts by innovative companies worldwide. These companies have invested significant resources to create interoperable technologies that benefit billions of users daily.

To sustain this cycle of innovation, it is essential to uphold principles of fair, reasonable, and non-discriminatory (FRAND) compensation for the use of patented technologies embedded in Wi-Fi standards.

Sisvel operates a patent pool in the field of Wi-Fi 6 (IEEE 802.11ax) and Wi-Fi 7 (IEEE 802.11be) called the Sisvel Wi-Fi Multimode Patent Pool (short: “the Wi-Fi MM Pool”). This patent pool combines a set of patent owners that hold patents that are essential to practice the Wi-Fi 6 and/or Wi-Fi 7 Standard (also: “SEPs”). The patent owners include Huawei, KPN, Panasonic, Philips, Mitsubishi Electric, Samsung, Sisvel, SK Telecom, Orange, Wilus and ZTE. The royalty rates offered for licenses to the SEPs are the following:

		Wi-Fi 6	Wi-Fi 7
Wi-Fi Finished Products ¹	Compliant Rate	USD 0.50	USD 0.60
	Standard Rate	USD 0.60	USD 0.70
Enterprise Access Points ²	Compliant Rate	USD 1.00	USD 1.20
	Standard Rate	USD 1.20	USD 1.44

Wi-Fi 6

Collectively, the patent owners in the Wi-Fi MM pool, represent 16.08% of the technical contributions to the Wi-Fi 6 standard.³ Patent owners of the Wi-Fi MM pool have licensed already close to 40 companies under the terms of the predecessor Sisvel Wi-Fi 6 Patent Pool.⁴ These licensees include

¹ Does not include Enterprise Access Points, see for full definition the Wi-Fi MM sublicense agreement

² Access points with enterprise grade performance, which provide wireless connectivity for devices and are intended and marketed for professional, business or commercial use in high density environments. More details can be found in the template Sublicense Agreement linked below.

³ IEEE Mentor, Wi-Fi 6,7,8 Contributions as of November 24, 2025

⁴ Licensees include: Acer Inc, Antretter & Huber GmbH, Bitspeed Computer Systems, Cisco Systems, Inc., Contec Co., Ltd., Dejero Labs Inc., Devolo GmbH, Devolo Solutions GmbH, Draytek Corporation, Fujisoft Incorporated, Giga-byte Technology Co., Ltd., Group Sense Limited, GTA Electronics, HP Inc., Huawei Technologies Co., Ltd., I.Safe Mobile GmbH, Koninklijke Philips N.V., Mach Power Italy S.r.l,

the patent owners of the Sisvel Wi-Fi 6 patent pool that manufacture Wi-Fi 6 capable products, such as Huawei, Panasonic and Philips. Among the 40 licensees are industry giants such as Acer, Cisco, Hewlett Packard, Panasonic Automotive and Netgear. These agreements are in addition to any bilateral licenses that patent owners may have granted for Wi-Fi SEPs.

The Sisvel Wi-Fi 6 patent pool offered licenses under the following rates. Based on prior comparable licenses, these rates may be deemed established rates⁵, as also thoroughly discussed in various court cases worldwide.⁶

Wi-Fi 6 Patent Pool		Wi-Fi 6
Wi-Fi Finished Products ⁷	Compliant Rate	USD 0.50
	Standard Rate	USD 0.60
Enterprise Access Points	Compliant Rate	USD 1.00
	Standard Rate	USD 1.20

As may be obvious from a comparison of the royalty rates between the Sisvel Wi-Fi 6 patent pool and the Wi-Fi MM pool, the rates for Wi-Fi 6 are kept at the same level.⁸ Yet, Aegis (a Sisvel affiliated company), KPN, ZTE and Samsung are new entrants to the Wi-Fi MM pool and have submitted their Wi-Fi 6 and Wi-Fi 7 SEPs to the pool. Despite the addition of these new patent owners, the patent owners of the Wi-Fi MM pool have decided to keep the rates for Wi-Fi 6 the same in new license offer of the Wi-Fi MM pool to grant stability of cost to manufacturers and promote further adoption.

Wi-Fi 7

Collectively, the patent owners in the Wi-Fi MM pool, represent 35.20% of the technical contributions to the Wi-Fi 7 standard.⁹ The representation of the patent owners in Wi-Fi 7 standard contributions is more than double that of the same patent owners in Wi-Fi 6. Compared to the rates for Wi-Fi 6 products, the patent owners have applied a 20% increase of royalty for the use of Wi-Fi 7. While a higher increase of the royalty would be justified, the patent owners favoured a lower rate to encourage Wi-Fi 7 adoption.

Licensees under Wi-Fi MM Pool

The Wi-Fi MM pool starts with 5 licensees:

- Huawei

Microtech Srl, Mouse Computer Co., Ltd., Netgear, Inc., Nextivity Inc., Optoma Corporation, Panasonic Automotive Systems, Panasonic Holdings Corporation, Peloton Interactive Inc., Punch Technology Ltd., Razer (Asia-Pacific) Pte. Ltd., Ruggear GmbH, Shenzhen AYN Technologies Co., Ltd., Smart Products Connection, S.A., Starry, Inc., Teradek, LLC, THD Acoustics Ltd., WeTek - Soluções Tecnológicas S.A., Witbe SA, and 2 confidential licensees.

⁵ For example: ZTE v Samsung (Germany, Munich Regional Court, 7 O 64/25; 7 O 2750/25); The 7th Chamber of the regional court delivered an unusually long public introduction of nearly two hours (instead of the usual 20 minutes) before the public was excluded for confidential terms. The Chamber's views on FRAND were later published in a 16-page guidance which i.e. explained that top-down patent counting is rejected and that only comparables provide reliable benchmarks. See also: [Sisvel | German court's FRAND guidance strengthens SEP holders](#)

⁶ For example: Huawei v Amazon (Germany, Munich Regional court, 7 O 10988/22), Huawei v Netgear (Unified Patent Court, UPC_CFI_9/2023, UPC_CFI_168/2024, UPC_CFI_791/2024), where Huawei was considered to have satisfied (or even "oversatisfied") its FRAND requirements under its WiFi SEPs

⁷ Does not include Enterprise Access Points, see for full definition the Wi-Fi MM sublicense agreement

⁸ Since the initial offer of the Sisvel Wi-Fi Patent Pool and the launch of the Wi-Fi MM pool, the US Dollar has been subject to an inflation of over 11%. U.S. Bureau of Labor Statistics, CBI Calculator, www.bls.gov

⁹ IEEE Mentor, Wi-Fi 6,7,8 Contributions as of November 24, 2025

- Panasonic
- Philips
- Sony
- ZTE

Other licensees that joined since launch include HPE, Asustek, Microsoft, Samsung and others. For the full list of Licensees under the Wi-Fi MM Pool please visit our website at <https://www.sisvel.com/licensing-programmes/Wi-Fi/wi-fi-mm/#tab-list-of-licensees>

In Summary

Prior to the launch of the Wi-Fi MM pool, patent owners licensed a representative size of the market under the predecessor Wi-Fi 6 Patent Pool. The rates under this predecessor pool are deemed established rates. The rates offered under the prior pool have been continued under the new Wi-Fi MM pool for the field of use of Wi-Fi 6. New patent owners have joined the Wi-Fi MM pool, and the rates have not been corrected for inflation since 2022.

The rates for the field of use of Wi-Fi 7 reflect a marginal increase, compared to the increase of value represented in the portfolio offered to the licensee.

Patent owners in the Wi-Fi MM pool represent the following stake in the IEEE contributions to the Wi-Fi Standards.

