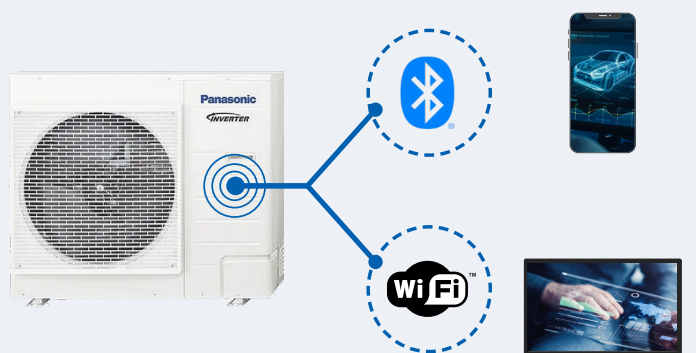




Upgrade Your Heat Pump with Cutting-Edge Connectivity

As the demand for eco-friendly and energy-efficient solutions continues to surge, heat pumps are playing a crucial role in reducing carbon footprints while delivering consistent comfort year-round. To meet the evolving needs of modern consumers, manufacturers are turning towards innovative technologies that enhance control, efficiency, and reliability. Enter WiFi 6: the next-generation wireless connectivity that revolutionizes heat pump management.

With extensive expertise in designing robust, high-performance wireless modules, we offer state-of-the-art WiFi 6 modules specifically tailored for heat pumps. These modules not only meet the stringent standards of today's smart homes but also provide unmatched connectivity, allowing users to optimize energy usage and maintain comfort with ease. Prepare your heat pumps for the future with enhanced speed, safety, and control—powered by our WiFi 6 technology.

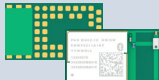
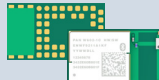

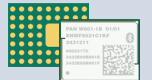


Interaction with App / Low power Sensors

- Data aggregation from low power sensors nodes
- Control and monitoring of heat pump system over smart phone
- Easy installation & commissioning via App

Remote Control/Monitoring over Internet or Smart Device

- Integration of Heat pump system in existing Smart Home network
- Superior control over heat pump system (on/off, room temperature)
- Performance tracking for cost & energy saving
- (Over the Air) System Updates
- Interaction with other WiFi based 3rd party devices (e.g. Voice Control over Alexa)

				
	PAN W602-1	PAN W602-2	PAN9019(A)	PAN W601-1B
Chipset	CC3301	CC3351	IW611/612	SYN43711
RF Category	WiFi 6 SB & Bluetooth 5.4 (LE)	WiFi 6 DB & Bluetooth 5.4 (LE)	WiFi 6 DB & Bluetooth 5.4 (BR, EDR, LE) (& 802.15.4 PAN9019A)	WiFi 6E & Bluetooth 5.4 (BR, EDR, LE)
Frequency	Single Band	Dual Band (20 MHz)	Dual Band (80 MHz)	Tri Band
Antenna	Integrated or bottom pad	Integrated or bottom Pad	Bottom Pad	Bottom Pad
Availability	Samples: End of 24 MP: Mid 25	Samples: Mid of 25 MP: Q2 26	Mass Production	Samples: Q4 / 24; EVD: Q4 / 24 MP: Q3 / 25

Certified for:

CE RED



FCC



ISED



MIC



UKCA



RCM



Local technical support



0 ppm failure rate



100% end-of-line tested modules



European development & production



Reduced carbon footprint in supply chain thanks to European production



Fast availability of samples & Evaluation Tools

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industry.panasonic.eu



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Your Committed Enabler