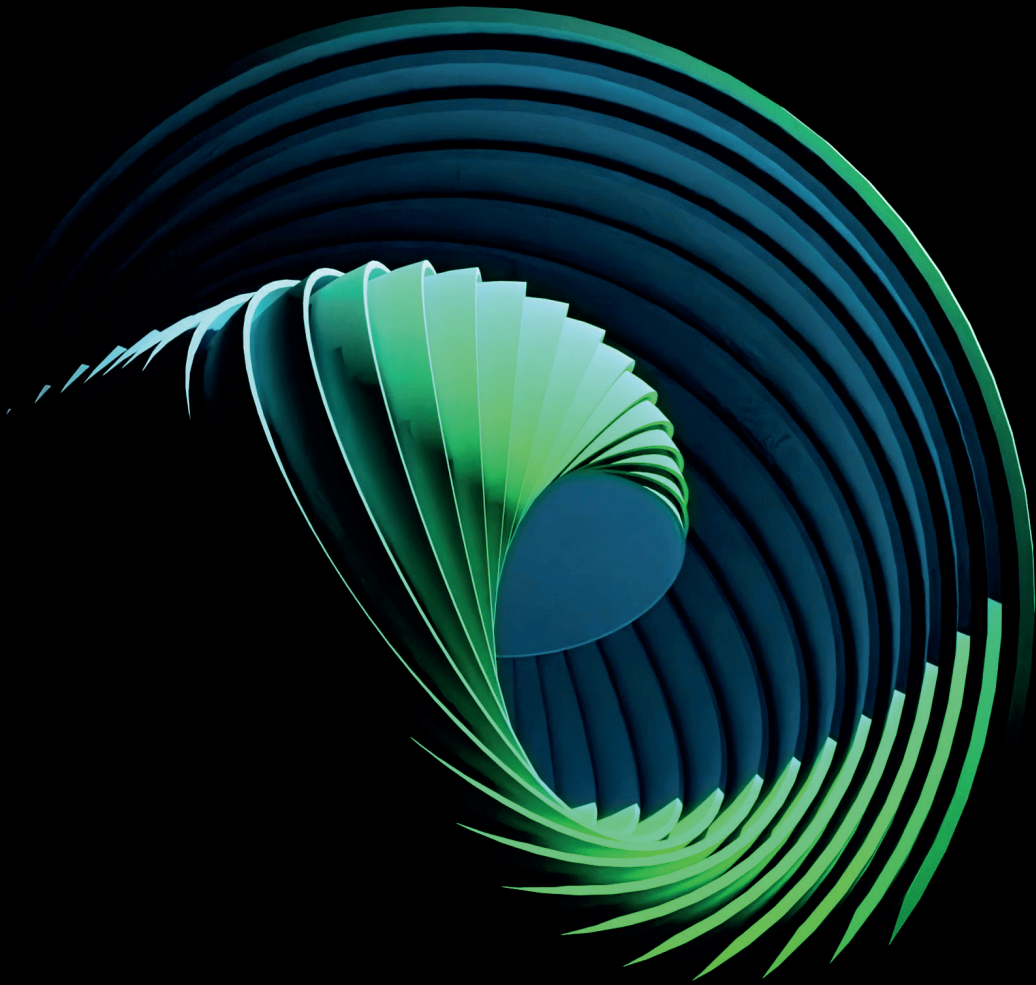


AVNET<sup>®</sup> ABACUS



/ FINLAND & ESTONIA  
LINECARD  
SUPPLIER PORTFOLIO

# / A VITAL COMPONENT OF YOUR SUCCESS

## A truly EMEA footprint


- Your dedicated technical IP&E (interconnect, passives and electromechanical) distributor
- Complementary offering of energy storage, power supplies, sensors and wireless
- 100+ pan-European franchises
- Selected local agreements
- 49 offices in 27 countries
- 50+ field application engineers based across Europe
- 125+ account managers


[avnet-abacus.eu](http://avnet-abacus.eu)


## GET IN TOUCH

Visit us at [avnet-abacus.eu](http://avnet-abacus.eu)

- Buy online
- Datasheets
- Linecards
- Office locations
- Product information
- Technical articles and blog posts
- Technical support

 [@Avnet\\_Abacus](https://twitter.com/Avnet_Abacus)

 [www.facebook.com/  
Avnet.Abacus.eu](https://www.facebook.com/Avnet.Abacus.eu)

 [linkedin.com/company/  
avnet-abacus](https://linkedin.com/company/avnet-abacus)

 [youtube.com/AvnetAbacus](https://youtube.com/AvnetAbacus)

















	Wireless Modules													Antennas													
	RFID passive tag	Bluetooth	Zigbee, Thread	Wirepas	WiFi	Sigfox	LoRa	LPWA (LTE-M, NB-IoT)	LTE, 4G, 5G	V2X	Ultra wideband (UWB)	Satellite navigation (GNSS, GPS)	NFC	RFID	169 Mhz	Sub-Ghz ISM	Bluetooth, Zigbee, Thread	WiFi	2G, 3G, 4G	5G	LPWA (LTE-M, NB-IoT)	AM/FM/DAB Radio	Ultra wideband (UWB)	Satellite navigation (GNSS, GPS)	Distributed Antenna Systems (DAS)	Vehicular, outdoor multiband	
Abracon	•												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Amphenol																	•	•	•		•				•	•	
Kyocera AVX							•									•	•	•	•	•	•		•	•		•	
Fujitsu		•		•																							
Molex	•												•			•	•	•	•	•	•		•	•		•	
Murata	•	•		•	•	•	•				•		•														
Panasonic Industry		•	•	•	•																						
Pulse													•		•	•	•	•	•	•	•	•	•	•	•	•	•
Taiyo Yuden																	•	•					•	•			
TDK													•	•		•	•	•							•		
TE Connectivity (incl. Laird, Linx)														•	•	•	•	•	•	•	•	•	•	•	•	•	•
Vishay																	•	•						•			
Yageo															•	•	•	•	•		•		•		•		

Avnet Embedded builds embedded compute, display and software solutions that meet the demand for innovation and quality, with reduced time to market, utilising Avnet Embedded's platform technologies, design and manufacturing capabilities, and a world-class team of experts.

As a distributor of Avnet Embedded solutions, Avnet Abacus works closely with the Embedded engineering teams to support requirements with its innovation solutions across three key areas: Compute, Display and Software.

Find out more about Avnet Embedded's capabilities and solutions below, or if you would like to speak to an expert about how we can help with your Embedded requirements, visit [avnet-abacus.eu/ask-an-expert](https://avnet-abacus.eu/ask-an-expert)

## Core solutions

### Compute

From an award-winning range of standard compute-on-modules and system-on-modules to full custom computing hardware design, Avnet Embedded offers everything to get customers' products to market better, faster and stronger.

### Display

The Display Innovation team works with the world's leading display and touchscreen component manufacturers and innovators worldwide. In turn, Avnet Embedded handles display design and integration for some of the world's biggest technology companies.

### Software

As well as designing and manufacturing perfect hardware solutions, Avnet Embedded offers an unmatched capability when it comes to software. This experience means we can provide customers with access to cutting edge technology and vast knowledge.

## Services

### Design

Avnet Embedded works with customers every step of the journey to design the perfect embedded solution for their product. Avnet Embedded product and solution design teams are covering: compute, software, displays, systems and HMI.

### R&D

Avnet Embedded's skilled design engineers have many years of experience designing boards with high-end x86 and ARM CPUs as well as with fast memory technology and programmable devices (CPLD, FPGA).

### Manufacturing

The Avnet Embedded product engineering, test development and production engineers work hand in hand to achieve optimised product quality. Avnet Embedded's sophisticated SAP-integrated MES and quality system ensures full traceability of products.

### Assembly

Large, versatile assembly spaces can be engineered around the needs of your product, using efficient cell-based assembly processes and advanced robotics and production engineering to provide the highest possible quality at favourable costs.



# AVNET ABACUS IoT SOLUTIONS

## Go from IoT concept to value creation – with one partner to guide the way

New product features. New revenue streams. New service models. The IoT has the power to transform almost any business. But without the support of a partner with robust, end-to-end capabilities, it can be harder than it sounds to fully realise business outcomes.

That's because developing a solution and executing successfully at every stage of the process is complex.

You know Avnet Abacus as one of Europe's leading IP&E and connectivity specialists. And we know first-hand how these challenges can quickly derail an IoT implementation.

We're here to help with a complete set of end-to-end capabilities that includes:

- Avnet Abacus's IoTConnect solution. Based on the world-class Microsoft Azure IoT Suite, it's more than just a powerful PaaS platform. IoTConnect allows for device communication and management, data storage, app creation as well as enablement and robust security protocols
- A Business Analysis that will uncover and document your business needs and identify cloud applications to meet them
- Our team of software, hardware, and security engineers working to successfully deliver your IoT solution

## Avnet Abacus' end-to-end IoT capabilities

### Avnet Abacus IoT solutions

- Solution scoping
- Business case
- ROI

### Design

- Edge design
- Technology selection
- Logistics

### Cloud & digital

- IoT Cloud
- App Dev
- Data Insights

### Lifecycle

- IoT Security
- Upgrades
- Post-sales support

## Top challenges across IoT product development

### Concept

Creating a compelling business case with a strong return on investment.

### Design

Choosing the right IoT platform and edge devices with the right level of flexibility and design support.

### Cloud & digital

Identifying and developing cloud applications that meet performance requirements and business needs.

### Lifecycle

Ensuring end-to-end security to protect the data owned by you and your customers.

Wherever you are in your IoT journey, Avnet Abacus is ready to be your partner every step of the way to help you achieve success.

**Are you ready to get started now?** Please contact us at [avnet-abacus.eu/ask-an-expert](https://www.avnet-abacus.eu/ask-an-expert)



## AUSTRIA

Avnet EMG Elektronische Bauelemente GmbH  
Grünbergstraße 15/1/4.OG,  
A-1120 Wien  
Phone: +43 (0)1 86642-0  
Fax: +43 (0)1 86642-250  
wien@avnet-abacus.eu

## BELGIUM

De Kleetlaan 3  
BE-1831 Diegem  
Phone: +32 2 227 2000  
diegem@avnet-abacus.eu

## BULGARIA

c/o Avnet Abacus Romania  
4 Gara Herastrau,  
Building B, 2nd Floor  
RO-020334 Bucharest  
Phone: +4021 528 16 90  
bulgaria@avnet-abacus.eu

## CROATIA

c/o Avnet Abacus Slovenia  
Dunajska Cesta 167  
SI-1000 Ljubljana  
Phone: +386 (0)1 560 97 54  
Fax: +386 (0)1 560 98 78  
croatia@avnet-abacus.eu

## CZECH REPUBLIC

Amazon Court Karolinska 661/4  
CZ-18600 Prague  
Phone: +420 234 091 011  
Fax: +420 234 091 010  
praha@avnet-abacus.eu

## DENMARK

Knudlundvej 24, DK-8653 Them  
Phone: +45 86 84 84 84  
Fax: +45 86 84 82 44  
them@avnet-abacus.eu

Lyskær 9, DK-2730 Herlev  
Phone: +45 86 84 84 84  
Fax: +45 43 29 37 00  
herlev@avnet-abacus.eu

## EGYPT

c/o Avnet Abacus Turkey  
Tatlisu Mahallesi Pakdil  
Sokak No: 7 Kat: 2  
TR-34774 Umraniye Istanbul Turkiye  
Phone: +90 216 52 88 370  
Fax: +90 216 52 88 377  
egypt@avnet-abacus.eu

## ESTONIA

Suur-Jõe 63, Pärnu,  
EE-80042 Pärnu Maakond  
Phone: +372 56637737  
paernu@avnet-abacus.eu

## FINLAND

Klovinpellontie 1-3  
Tower 1, Floor 6  
FI-02180 Espoo  
Phone: +35 820 749 9220  
Fax: +35 820 749 9240  
espo@avnet-abacus.eu

## FRANCE

Le Copernic  
12, rue Jean Bart  
FR-91300 Massy  
Phone: +33 (0) 1 6447 2929  
Fax: +33 (0) 1 6447 9150  
paris@avnet-abacus.eu

8 chemin de la Terrasse  
Bat D 1er étage  
FR-31500 Toulouse  
Phone: +33 (0) 5 6247 4787  
Fax: +33 (0) 5 6247 4761  
toulouse@avnet-abacus.eu

16 C Rue de Jouanet  
FR-35700 Rennes  
Phone: +33 (0) 2 9983 7720  
Fax: +33 (0) 2 9983 4829  
rennes@avnet-abacus.eu

2 avenue Tony Garnier, 3rd floor  
FR-69007 Lyon  
Phone: +33 (0) 4 7877 1370  
Fax: +33 (0) 4 7877 1391  
lyon@avnet-abacus.eu

## GERMANY

Kaiserin-Augusta-Allee 14  
DE-10553 Berlin  
Phone: +49 (0) 30 790 997 0  
Fax: +49 (0) 30 790 997 51  
berlin@avnet-abacus.eu

Industriestr. 16  
DE-76297 Stutensee  
Phone: +49 (0) 7249 910 149  
Fax: +49 (0) 7249 910 177  
stutensee@avnet-abacus.eu

Rhenus-Platz 2  
D-59439 Holzwickede/Dortmund  
Phone: +49 (0) 2301 2959 27  
Fax: +49 (0) 2301 2959 29  
dortmund@avnet-abacus.eu

Flughafenstraße 52a  
DE-22335 Hamburg  
Phone: +49 (0) 40 608 23 59 0  
Fax: +49 (0) 40 608 23 59 20  
hamburg@avnet-abacus.eu

Im Technologiepark 2-8  
DE-85586 Poing  
Phone: +49 (0) 8121 775 400  
muenchen@avnet-abacus.eu

Lina-Ammon-Str. 19 b  
DE-90471 Nuernberg  
Phone: +49 (0) 911 244 250  
Fax: +49 (0) 911 244 25 25  
nuernberg@avnet-abacus.eu

Neue Ramtelstr. 4  
DE-71229 Leonberg  
Phone: +49 (0) 7152 3009 70  
Fax: +49 (0) 7152 3009 96  
stuttgart@avnet-abacus.eu

Rotenburger Str. 20  
D-30659 Hannover  
Phone: +49 (0) 511 336517 10  
hannover@avnet-abacus.eu

## GREECE

c/o Avnet Abacus Serbia  
Milentija Popovića 5B,  
Floors 6-8  
Belgrade RS-11070  
Phone: +381 11 4022302  
Fax: +381 11 4049900  
belgrade@avnet-abacus.eu

## HUNGARY

c/o Avnet Abacus Slovakia  
GreenPoint Offices,  
Blok F Turcianska 2  
SK-82109 Bratislava  
Phone: +421 232 242 608  
Fax: +421 2 32 1111 40  
budapest@avnet-abacus.eu

## IRELAND

c/o Avnet Abacus Bolton  
Oceanic Building  
Waters Meeting Road  
Bolton BL1 8SW  
Phone: +44 (0)1204 547190  
Fax: +44 (0)1204 547171  
bolton@avnet.eu

## ISRAEL

1 Habrosh Street  
Bney Dror IL-4581500  
Phone: +972 9 778 0280  
Fax: +972 3 760 0794  
israel@avnet-abacus.eu

## ITALY

Via Manzoni 44  
IT-20095 Cusano Milanino/Milano  
Phone: +39 02 660 921  
Fax: +39 02 66092 332  
milano@avnet-abacus.eu

Viale dell'industria 23  
IT-35129 Padova  
Phone: +39 049 7800 381  
Fax: +39 049 7730 36  
padova@avnet-abacus.eu

Via Scaglia Est. 31/33  
IT-41126 Modena  
Phone: +39 059 34891  
Fax: +39 059 344 993  
modena@avnet-abacus.eu

Via Panciatichi 40/11  
IT-50127 Firenze  
Phone: +39 055 436 1928  
Fax: +39 055 428 8810  
firenze@avnet-abacus.eu

Viale Luca Gaurico 9/11  
IT-00143 Roma  
Phone: +39 02 660 921  
rome@avnet-abacus.eu

## LATVIA

c/o Avnet Abacus Poland  
Plac Solny 16  
PL-50-062 Wroclaw  
Phone: +48 71 34 205 99  
Fax: +48 71 34 229 10  
latvia@avnet-abacus.eu

## LITHUANIA

c/o Avnet Abacus Poland  
Plac Solny 16  
PL-50-062 Wroclaw  
Phone: +48 71 34 205 99  
Fax: +48 71 34 229 10  
lithuania@avnet-abacus.eu

## NETHERLANDS

Stadionstraat 2, 6th floor  
NL-4815 NG Breda  
Phone: +31 (0) 76 57 22 300  
Fax: +31 (0) 76 57 22 303  
breda@avnet-abacus.eu

## NORWAY

Olaf Helsetsvetvei 6,  
NO-0694 Oslo  
Phone: +47 (0) 94 89 53 73  
oslo@avnet-abacus.eu

## POLAND

Plac Solny 16  
PL-50-062 Wroclaw  
Phone: +48 71 34 205 99  
Fax: +48 71 34 229 10  
wroclaw@avnet-abacus.eu

## PORTUGAL

Tower Plaza, Rot. Eng. Edgar  
Cardoso, 23.Piso 14, Sala E  
PT-4400-676 Vila Nova de Gaia  
Phone: +351 223 779502  
Fax: +351 223 779503  
portugal@avnet-abacus.eu

## ROMANIA

4 Gara Herastrau, Building B,  
2nd Floor  
RO-020334 Bucharest  
Phone: +4021 528 16 90  
romania@avnet-abacus.eu

## SERBIA

Milentija Popovića 5B, Floors 6-8  
Belgrade RS-11070  
Phone: +381 11 4022302  
Fax: +381 11 4049900  
belgrade@avnet-abacus.eu

## SLOVAKIA

GreenPoint Offices,  
Blok F Turcianska 2  
SK-82109, Bratislava  
Phone: +421 232 242 608  
Fax: +421 2 32 1111 40  
slovakia@avnet-abacus.eu

## SLOVENIA

Dunajska Cesta 167  
SI-1000 Ljubljana  
Phone: +386 (0)1 560 97 60  
Fax: +386 (0)1 560 98 78  
ljubljana@avnet-abacus.eu

## SOUTH AFRICA

Block 13, Pinewood Office Park  
33 Riley Road Woodmead,  
ZA-2191 Sandton, Johannesburg  
Phone: +27 (0)10 447 0180  
avnet-abacus-sales-southafrica@avnet.eu

## SPAIN

NyN Tower, C/Tarragona  
149-157. Floor 19  
ES-08014 Barcelona  
Phone: +34 (0) 93 327 85 50  
Fax: +34 (0) 93 425 05 44  
barcelona@avnet-abacus.eu

Avenida Madariaga 1  
Floor 3  
ES-48014 Bilbao  
Phone: +34 (0) 94 457 00 44  
Fax: +34 (0) 94 456 88 55  
bilbao@avnet-abacus.eu

Ronda de Poniente  
(pq Empresarial Euronova),  
4 - 2ª PLANTA, tres Cantos,  
28760, Madrid  
madrid@avnet-abacus.eu

## SWEDEN

Avnet Nortec AB  
Hemvärnsgatan 9  
SE-171 54 Solna  
Phone: +46 (0)8587 462 00  
Fax: +46 (0)8587 460 01  
stockholm@avnet-abacus.eu

Smörhålevägen 3  
SE-43442 Kungälv  
Phone: +46 (0)8 58746 200  
Fax: +46 (0)300 140 15  
gothenburg@avnet-abacus.eu

## SWITZERLAND

Bernstrasse 394  
CH-8953 Dietikon  
Phone: +41 (0)43 322 49 90  
Fax: +41 (0)43 322 49 99  
zurich@avnet-abacus.eu

## TURKEY

Tatlisu Mahallesi Pakdil  
Sokak No: 7 Kat: 2  
TR-34774 Umraniye Istanbul Turkiye  
Phone: +90 216 52 88 370  
Fax: +90 216 52 88 377  
istanbul@avnet-abacus.eu

## UK

Building 5, Waltham Park  
White Waltham  
Maidenhead Berkshire SL6 3TN  
Phone: +44 (0)1628 512900  
Fax: +44 (0)1628 512999  
maidenhead@avnet.eu

St. Peter's House  
Silverwell Street  
Bolton, BL1 1PP  
bolton@avnet.eu

## UKRAINE

c/o Avnet Abacus Poland  
Plac Solny 16  
PL-50-062 Wroclaw  
Phone: +48 71 34 205 99  
Fax: +48 71 34 229 10  
ukraine@avnet-abacus.eu