



**Modular Industrial
Computing Solutions**
Reliable. Long-Term
Available. Cost-Effective.



**Embedded Blue®
Embedded Gold**

Solutions for IIot and Edge Computing

Boxed or Unboxed? Your Decision!

The Embedded Blue® series was developed to give customers full flexibility for IIot, Edge Computing or switching applications, while using a very cost-effective and size optimized mechanical design.

The boxed solutions of the Embedded Blue® series are suited for DIN rail or wall mount assembly, coming in application-ready box housings.

The Embedded Gold series was developed to give also OEMs and customers with existing system solutions, the same functionality but without boxes.

So integration of only the boards in a customer-specific housing is also possible.

The portfolio covers different switch modules with M12, SPE or RJ45 interconnect as well as system solutions based on Intel® ATOM™ E39xx CPU or Marvell® ARMADA® processor for among others AVB/TSN real time networking.



Embedded Blue®	Embedded Gold	
AC100	GC100	AI Edge Computing Platform, NVIDIA® Jetson Xavier™ NX SoM Wireless & Cable Ethernet Connectivity, PCI Express® Based Optical Cabling - Master/Slave
AC370	GC370	Industrial ARM® v8 Microcomputer SBC, Marvell® Armada® 3700 Family SoC, Gigabit Ethernet & Wi-Fi 6 / Bluetooth 5 Wireless Connectivity
AC600	GC600	Industrial Low Power X86 SBC, Intel® Atom™ E3900 Series (Apollo Lake SoC), dual DisplayPort, dual USB 3.1, dual M12-X GbE, M12 DC-IN, expan. port WWAN, Wi-Fi, Bluetooth etc.
AC800	GC800	Industrial Low Power X86 SBC, Intel® Atom™ x6000RE SoC, triple USB-C/DP, 3x 2.5GbE, expan. port WWAN, Wi-Fi, Bluetooth etc.
AJ100	GJ100	Industrial PoE+ Power Injector, Dual Port 2 x 30W 802.3 at M12-X Connectors, 1000BASE-T or NBASE-T
AJ200	GJ200	Industrial Gigabit Ethernet Switch AL/GL200 8-Port RJ45, AL/GL220 8-Port PoE+ 30W
AL100	GL100	Industrial PoE+ Power Injector, Triple Port 3 x 30W 802.3 at RJ45 Gigabit Ethernet
AL200 / AL220	GL200 / GL220	Industrial Gigabit Ethernet Switch, 5 Port (30mm Width), 10 Port (60mm Width), 15 Port (90mm Width) M12-X Connectors
AL600	GL600	Single Pair Ethernet Switch, 7 x T1 100BASE-T1 802.3bw IEC 63171-6, 1 x 1000BASE-T RJ45, Automotive/Industrial Ethernet, BroadR-Reach®
AL700	GL700	Single Pair Ethernet Switch, 5 x M8-Hybrid 100BASE-T1 802.3bw IEC 63171-6, 2 x 1000BASE-T RJ45 Automotive/Industrial, Ethernet, BroadR-Reach®
AL740	GL740	Single Pair Ethernet Switch, 5 x M12-Hybrid Type II 100BASE-T1 802.3bw IEC 63171-6, 2 x 1000BASE-T RJ45 Automotive/Industrial, Ethernet, BroadR-Reach®
AX100		LIDAR™ V1 Interface Box Cable & Power Management for LIDAR™ Sensor Heads
	GL900	Manageable Gigabit Ethernet Switch, 9-Port (4 x PoE+ 30W), AVB/TSN Protocol Stack



About EKF

EKF Elektronik GmbH is a leading manufacturer of modular, ruggedized embedded boards and systems for demanding industrial sectors such as transportation and traffic, IIoT and Industry 4.0, robotics, energy, industrial automation and medical technology.

From the high-performance CompactPCI® Serial standard to modular and cost-effective box and board-level assemblies (EKF Embedded Blue®/Gold series and PICMG® ModBlox7™ standard), EKF offers flexible embedded solutions that are precisely tailored to customer requirements. With product designs based on the latest CPU platforms from Intel®, NVIDIA® and ARM®, cloud-based software solutions and modular product families that build on each other, the company manages the balancing act between innovation and long-term availability.

Development and production take place exclusively at the company's own headquarters in Hamm, Germany. A three-year guarantee on all products underlines the company's quality standards.

EKF is an active member of renowned technology partners such as the Intel® Partner Alliance, PICMG®, PCI-SIG®, EtherCat® Technology Group and Single Pair Ethernet Industrial Partner Network, where it actively promotes the development of the latest product standards.



Contact us!
sales@ekf.de