

All about Sunix

Starting off a 20 years experience in IO communication, to a comprehensive product portfolio and a competent and specialized R&D team, a large number of customers around the world benefit already from SUNIX knowledge to satisfy their special requirements.

Here you will get to know SUNIX and all the advantages SUNIX is offering its partners and YOU.



Founded 1986, SUNIX Corporation, a professional designer and manufacturer of communication products with its headquarter located in Taipei County, Taiwan, has about 350 employees worldwide. SUNIX Taiwan headquarter comprises two business units handling commercial and industrial communication. So SUNIX can offer its clients a total solution in the field of I/O and Ethernet communication. Starting at Serial I/O cards, move along Serial device server and media converter to Ethernet switches.

SUNIX History

In 1986, SUNIX started the business as a hardware manufacturer by developing I/O controller cards, floppy and hard disk controller interfaces and various types of controller chipsets to pave the way towards the computerized world.

In 1996, SUNIX entered into the world of serial interfaces by developing the world's first serial PCI controller chipset by integrating almost all circuit components in a single chipset.

In 2005, SUNIX introduced its new line of chipsets (SUN8899 / SUN8989), designed specifically for the Serial to Ethernet communication, to the market.

A second business unit was established in 2005, devoted to develop and serve the market with products used in industrial serial communication.

SUNIX Commercial Communication business unit

Since more than 20 years SUNIX Commercial communication business unit provides high performance and high quality products to the market. We apply our years of expertise to the development of I/O Multi-port Serial Boards, Multi-port Parallel Boards, I/O CardBus.

You will find SUNIX products everywhere in your daily life. Whether you go to your preferred bank to withdraw money from an ATM machine or just pay for your shopping at a POS station at a supermarket, gathering information about a foreign city at a KIOSK system, paying the toll fee at a toll collect station. Your daily life becomes more secure and easy through SUNIX products.



SUNIX mission & focus

You set up the highest claims on your products. You know that only quality, technology and a future oriented strategy resulting in user convenience increase the value of your products on the international market.

Our mission is to provide you with this high quality and cost effective products and the latest technologies meeting your requirements through our strong R&D team and our strict quality policy. SUNIX manufacturing plants are ISO 9001:2000 certified since 2001, furthermore SUNIX obtained the ISO 14001 certificate for its manufacturing plants in 2005.

You are our focus. We are committed to your success through our continual innovation and improvement, building a prosperous and loyal relation with you.



SUNIX Headquarters



SUNIX is the pioneer in developing serial / parallel communication products. Our company is dedicated to the continuous development and innovation of serial / parallel technology. SUNIX ascendancy started 1996 due to the release of the first self developed Serial and Parallel ASIC chipsets (SUN1689 / SUN1699 / SUN1888 / SUN1889). These ASIC chipsets are the foundation technology in SUNIX wide range of product solutions. We successfully combined the high performance UART with Burst Data Mode, DMA, PCI Bridge, INT, and EEPROM into a single chipset solution, thereby creating complete lines of products that are highly reliable and have ultra low RMA rate.

SUNIX, furthermore developed many other advanced technologies such as 128K-byte FIFO buffer, hardware flow control, RS-422/485 handshaking communication, Auto RTS signal control (ARSC™) for RS-485 communication, hardware COM port remapping, and the True universal PCI card. These advanced technologies provide our customers around the world with high performance, highly reliable, and best value solutions for their applications.

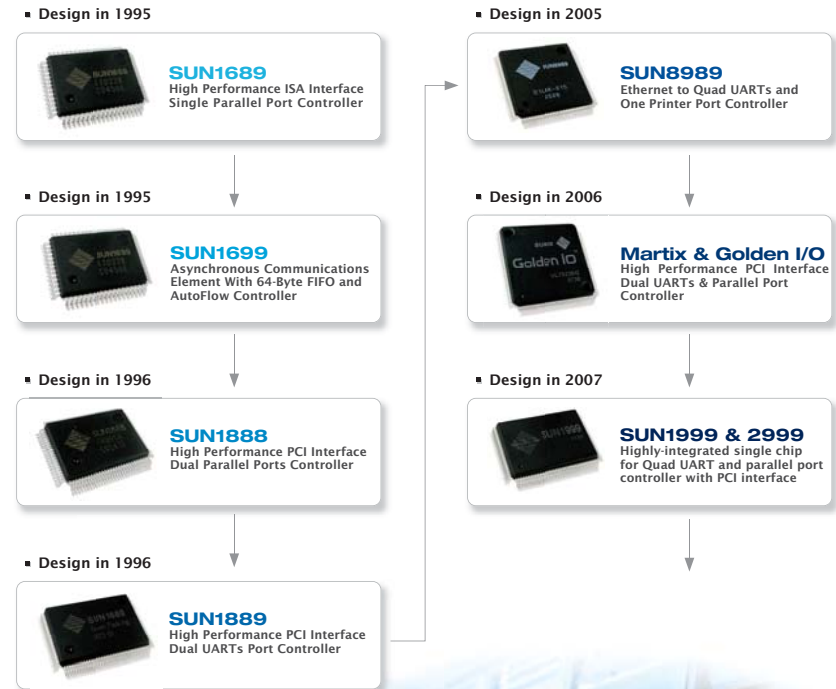
SUNIX continues its ascendancy with the introduction of its new line of chipsets (SUN8899 / SUN8989) designed specifically for the Serial to Ethernet communication product lines in 2005. The creation of these chipsets had lead to the development of a full range of high performance and high quality serial device servers, and other Industrial Ethernet solutions.

SUNIX R&D Team

SUNIX R&D team is most resourceful and competent in system integration. The team consists of several task groups with each specializing in Software, Firmware, Electrical Layout, and Mechanical Design.

For this reason, SUNIX has always been the leader in providing the most compatible and reliable solutions in the market, as well we have the most flexibility to create customized solutions for our customers.

To further assure our customers in the reliability of SUNIX serial communication products and as well to ensure more stable systems and compatibility, SUNIX had put considerably great effort in driver development and improvement. Today SUNIX full range of serial communication products is certified by Microsoft WHQL. This logo represents that SUNIX serial driver passed the Microsoft Windows Hardware Quality Labs (WHQL) testing. This is verification for compatibility of our hardware with Microsoft operating systems.





Furthermore SUNIX offers its customers a comprehensive set of software tools, named COMLab.

This software contains the following tools:

1. Speeder

This tool will help you to analyze the serial data communication. It will show the current status of every available communication port, including port settings, TX / RX – performance and furthermore any occurring hard- and software error.

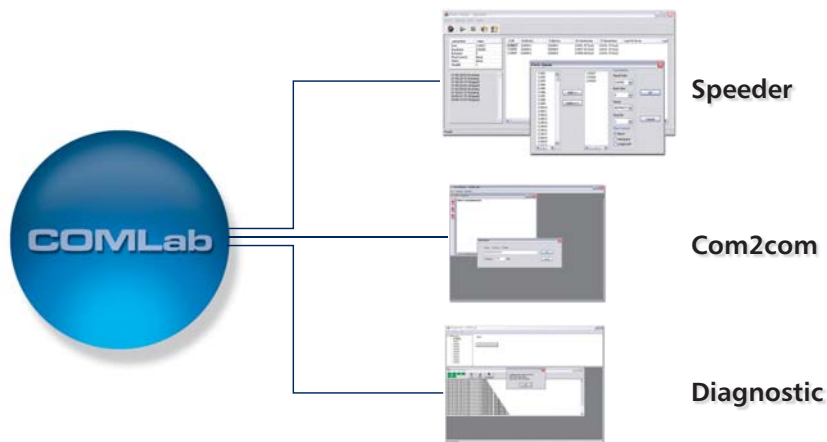
This will help customers to adjust the serial data communication to their environment.

2. COM2COM

This tool will show the current status of the modem signals belonging to serial data communication ports. Transfer data interactively via standard modem protocols.

3. Diagnostic

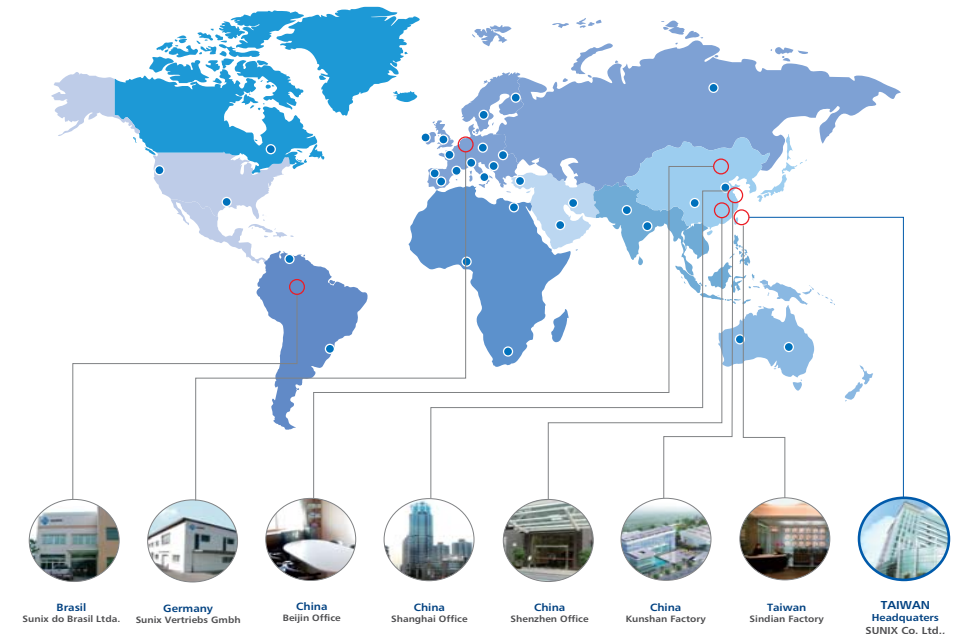
Here you will find all information about your installed communication cards. This tool provides internal and external testing of UART, IRQ and modem signals (TxD / RxD, CTS / RTS, DTR / DSR, DTR / DCD). This tool works only with installed SUNIX boards



SUNIX Worldwide OEM / ODM Business

To satisfy you with first class service, SUNIX opened affiliates and branch offices worldwide. You will find SUNIX in North- and South-America, Europe, Africa, Asia and Australia. SUNIX products are present in more than 65 countries.

Through this global network SUNIX is able to offer a comprehensive package to its OEM / ODM clients. Starting from an individual product and software design, the investigation of applicable laws and standards to the accompaniment of your whole project, SUNIX brings your project to success.



SUNIX Commitment to A Strict Quality Policy

www.sunix.com.tw



SUNIX re-audits all its, ISO 9001:2000 certified, manufacturing facilities yearly to satisfy you with highest quality products and best services.

SUNIX took great invest to assure highest quality to its products. Therefore, we use only high quality dye, imported from Japan. The dye has a unique quality in dissipating heat from the PCB effectively, to ameliorate the reliability of the PCB and its components.

Therefore we can offer you a 5 year warranty, to give you our absolute assurance that you will get the most reliable products available on the market.

We stand for our products and with you.

Note: The 5 year warranty start with the date of delivery. SUNIX will replace or repair defective products, in case these were installed and used within their specification.



SUNIX Environmental Policy

At SUNIX, we are very conscious taking great care for the well being of our world. We take part in ensuring a better future / world for our children.



SUNIX got certified in 2005 for the ISO 14001 certification. ISO 14001 is an internationally accepted specification for an "Environmental Management System".

Environmental protection is integral to the company's continual improvement process, to meet the expectations of the community, our customers and employees.

SUNIX Corporation is committed to:

- Meet or exceed the compliance requirements of all applicable environmental legislation and regulations
- Promote the prevention of pollution
- Continually improve the effectiveness of our environmental management system

SUNIX utilized the European RoHS directive at first stage to maintain a clean and safe environment for the world and the future of our children. SUNIX ensures the use of environmental friendly packing material, used to process and ship its products, furthermore to the requirements of the European RoHS directive.

SUNIX Technical Support

Our Technical support group works closely with our R&D team to help you to solve problems quickly and with satisfactory results.

Every customer is welcomed to contact our technical support group with his questions by mean of email, phone call, or even post mail.

Our technical support engineers also keep up to date list of FAQs they encountered, on our website to give users the resources needed to perform basic troubleshooting tasks.

Besides, SUNIX will hold seminars to introduce new products and technical trainings in vary countries around the world.

