



***sunix***

# PRODUCT GUIDE

EAZICloud™ & EAZinet™ Solution  
IoT Innovation Solutions  
Add-on Cards  
Extension Accessories

# SUNIX EAZICloud™ & EAZInet™ Solution

Retrieving data in cloud from connected devices,  
fast implementation of a cloud-based valued-added service



## SUNIX ECS Application Kits

Quickly Build your IoT / IIoT / AIoT needs



ECS(EAZInet & Central Solutions) provides products based on SUNIX EAZInet technology developed like IoT Gateway, Digital and Analog DevicePort I/O modules, and serial DevicePort...etc.. It is based on the Microsoft IoT Central SaaS cloud platform service, which can connect different IoT requirements and quickly package a variety of smart applications.

### Advantages

- Real-time Data**  
Instant decision making with instant messaging.
- Big Data Analysis**  
Graphical information is easy to read with history data
- Web-based Dashboard**  
Easily view on mobile phones, tablets and computers.
- Cost Saving**  
Through Azure, eliminating hardware & development costs with low monthly fee.

### Fields

- Smart Factory**  
Utilization rate, Power & Environmental Monitoring
- Smart Building**  
Office & Building Environmental Monitoring
- Smart Medical**  
Medical Facility Environmental Monitoring
- Smart Learning**  
IOT / AIOT for Student Teaching Application

# IoT Products

## Gateway Ethernet IO Gateway



**EZG1000**  
EAZInet Gateway

**EZG1200**  
Microsoft Azure Gateway

## DevicePort I/O Remote IO (DIO/AIO)



AI model

DIO model

**EZR5231**  
4-port AI

**EZR5002**  
2-port DI  
4-port DO

**EZR5003**  
3-port DI  
3-port DO

**EZR5004**  
4-port DI  
2-port DO

### Industrial



Serial model

AI model

DIO model

Combo model

**EZISNNN40**  
4-port COM

**EZIAINN80**  
8-port AI

**EZIDIDIFF**  
32-port DI

**EZIAIDI8F**  
8-port AI  
16-port DI

**EZISNSN44**  
8-port COM

**EZIDCNN80**  
8-port DI  
8-port DO

**EZIAIDC88**  
8-port AI  
8-port DI  
8-port DO

**EZIDIDOFF**  
16-port DI  
16-port DO

## DevicePort Remote IO (RS-232/422/485)

### Industrial



**DPA301HTP**  
1-port RS-232/422/485  
(3-in-1)



**DPAD02HTP**  
2-port RS-422/485



**DPAS01D00**  
1-port RS-232



**DPAS02H00**  
2-port RS-232



**DPAS04H00**  
4-port RS-232



**DPAS08H00**  
8-port RS-232

**DPA301D00**  
1-port RS-232/422/485  
(3-in-1)

## Device Server

### Commercial



**IDSX02DW0**  
RS-232

**IDS02DW0**  
RS-422/485

**IDS302DW0**  
RS-232/422/485

**IDS302DWS**  
RS-232/422/485  
w/ Surge & Isolation

2-port



**IDSX04DW0**  
RS-232

**IDS04DW0**  
RS-422/485

**IDS304DW0**  
RS-232/422/485

**IDS304DWS**  
RS-232/422/485  
w/ Surge & Isolation

4-port



**IDSX08DW0**  
RS-232

**IDS08DW0**  
RS-422/485

**IDS308DW0**  
RS-232/422/485

**IDS308DWS**  
RS-232/422/485  
w/ Surge & Isolation

8-port



**CDSS02D00**  
RS-232

2-port

## ECS Application Kits



**KSF1001G**  
IoT Integrated Solution



**KPE1301**  
Smart Meter Monitoring



**KEM1103**  
Environmental Monitoring



**KEM1401**  
Machine Operation Rate



**KEM1501**  
Intelligent Virtual Fence

# Add-on Cards

## WHQL Certification

SUNIX products have passed strict X86/X64 Microsoft WHQL certification, ensuring customers' full compatibility.

## M.2 PCIe Card **NEW**

### RS-232



**M2S6437A**  
2-port RS-232  
M.2 PCIe Card  
(Type-2242)



**M2S6456A**  
4-port RS-232  
M.2 PCIe Card  
(Type-2242)

### RS-422/485



**IPC-M2202S**  
Industrial 2-port  
RS-422/485  
M.2 PCIe Card  
w/ Surge  
(Type-2280)



**IPC-M2204S**  
Industrial 4-port  
RS-422/485  
M.2 PCIe Card  
w/ Surge  
(Type-2280)

### PCIe to M.2



**P2M04M00**  
PCIe to M.2  
PCIe Card

## PCIe Card

### RS-232 / Parallel



**SER6427A**  
1-port RS-232  
PCIe Card



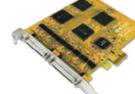
**SER6437A**  
2-port RS-232  
PCIe Card



**SER6456A**  
4-port RS-232  
PCIe Card



**SER5466A**  
8-port RS-232  
PCIe Card



**SER5416H**  
16-port RS-232  
PCIe Card



**PAR6408A**  
1-port IEEE1284  
Parallel  
PCIe Card



**PAR5418A**  
2-port IEEE1284  
Parallel  
PCIe Card



**MIO6469A**  
1-port RS-232 &  
1-port Parallel  
PCIe Multi-I/O Card



**MIO6479A**  
2-port RS-232 &  
1-port Parallel  
PCIe Multi-I/O Card



**MIO5499A**  
4-port RS-232 &  
1-port Parallel  
PCIe Multi-I/O Card

### RS-422/485



**IPC-E2202SI**  
Industrial 2-port  
RS-422/485  
PCIe Card  
w/ Surge & Isolation



**IPC-E2204SI**  
Industrial 4-port  
RS-422/485  
PCIe Card  
w/ Surge & Isolation



**IPC-E2108SI**  
Industrial 8-port  
RS-422/485  
PCIe Card  
w/ Surge & Isolation



**IPC-E3204S**  
Industrial 4-port  
RS-232/422/485  
PCIe Card  
w/ Surge

### Industrial **NEW**



**SDC0880I**  
8-Ch Digital In  
8-Ch Digital Out  
Industrial PCIe Card



**SDC4880B**  
2-port internal RS232/422/485  
2-port external RS232/422/485  
8-Ch Digital In  
8-Ch Digital Out  
Industrial PCIe Card

## PCI Card

### RS-232 / Parallel



**SER5027A**  
1-port RS-232  
PCI Card



**SER5037A**  
2-port RS-232  
PCI Card



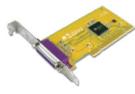
**SER5056A**  
4-port RS-232  
PCI Card



**SER5066A**  
8-port RS-232  
PCI Card



**SER5016H**  
16-port RS-232  
High Speed  
PCI Card



**PAR5008A**  
1-port Parallel  
PCI Card



**PAR5018A**  
2-port Parallel  
PCI Card



**MIO5069A**  
1-port RS-232 &  
1-port Parallel  
PCI Multi-I/O Card



**MIO5079A**  
2-port RS-232 &  
1-port Parallel  
PCI Multi-I/O Card



**MIO5099A**  
4-port RS-232 &  
1-port Parallel  
PCI Multi-I/O Card

### RS-422/485



**IPC-P2102SI**  
Industrial 2-port  
RS-422/485  
PCI Card  
w/ Surge & Isolation



**IPC-P2104SI**  
Industrial 4-port  
RS-422/485  
PCI Card  
w/ Surge & Isolation



**IPC-P2108SI**  
Industrial 8-port  
RS-422/485  
PCI Card  
w/ Surge & Isolation



**IPC-P3104**  
Industrial 4-port  
RS-232/422/485  
PCI Card

## PCI/104 Card

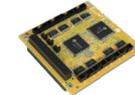
### RS-232



**SER5337A**  
2-port RS-232  
PCI/104 Card



**SER5356A**  
4-port RS-232  
PCI/104 Card



**SER5366A**  
8-port RS-232  
PCI/104 Card

### RS-232



**MCS6456P**  
4-port RS-232  
PCIe MiniCard  
w/ Power Output



**IPC-B2102SI**  
2-port RS-422/485  
PCI/104 Card  
w/ Surge & Isolation



**IPC-B2104SI**  
4-port RS-422/485  
PCI/104 Card  
w/ Surge & Isolation



**IPC-B2108SI**  
8-port RS-422/485  
PCI/104 Card  
w/ Surge & Isolation

## USB to I/O Adapter



**UTS1009DF**  
USB to RS-232  
Adapter  
w/ FTDI IC



**UTS1009GC**  
USB to RS-232  
Adapter



**UTS2009GC**  
USB to  
2-port RS-232  
Adapter



**UTS4009P4**  
USB to  
4-port RS-232  
Serial Hub



**UTP1025B**  
USB to Printer  
Adapter

**UTM1925C**  
USB to  
1-port RS-232  
1-port Printer  
Adapter

# Extension Accessories



## USB Series

### USB 3.2 Gen2x2



**USB2321C NEW**  
USB 3.2 Gen2x2 20G  
PCIe Host Card  
w/ Type-C Receptacle

### USB 3.2 Gen2



**USB2312A NEW**  
USB 3.2 Gen2 2-port  
PCIe Host Card  
w/ Type-A Receptacle



**USB2312C NEW**  
USB 3.2 Gen2 2-port  
PCIe Host Card  
w/ Type-C Receptacle

### USB 3.2 Gen2(Alt-Mode)



**UPD2018**  
USB 3.2 Gen2 10G & DisplayPort  
PCIe Host Card w/ Dual Type-C Receptacle  
(Alt-Mode)

### USB 3.2 Gen1



**USB2302**  
USB 3.2 Gen1 2-port  
PCIe Host Card  
(USBIF TID 350000174)



**USB4300NS**  
USB 3.2 Gen1 4-port  
PCIe Host Card  
(USBIF TID 350000211)

## USB Type-C Adapter



**C2HC3C1**  
USB Type-C  
to HDMI 4K@30Hz  
Active Adapter  
Coming soon



**C2DC100**  
USB Type-C  
to DisplayPort  
4K Active Adapter



**C2VC7C0**  
USB Type-C  
to VGA Adapter



**A2CZ0T0**  
USB 3.1 Gen2 10G  
USB Type-A to Type-C  
Active Dongle

## USB Type-C Dock



**CCV71PB**  
USB-C ENC Portable Mini Dock  
VGA / HDMI 2.0 HDR / USB 3.2 Gen1 Type A x1 /  
3.5mm Audio port with Environmental Noise Cancellation /  
with Power Delivery 2.0  
Coming soon



**CCV51PB**  
USB Type-C Portable Mini Dock  
HDMI 4K@30Hz / VGA (D-Sub) / Gigabit Ethernet /  
USB 3.1 Gen1 Type-A / with Power Charging



**CCV24PB**  
USB Type-C Portable Mini Dock  
HDMI 2.0 4K@60Hz / Gigabit Ethernet /  
USB 3.2 Gen2 Type-A x2 / with Power Charging

## Video Converter



**D2H13MD**  
DisplayPort  
to HDMI 2.0 4K@60Hz  
Active Dongle



**D2H13N0**  
DisplayPort  
to HDMI Dongle



**D2V17C0**  
DisplayPort  
to VGA Dongle



**H2V37C0**  
HDMI  
to VGA Dongle



**I2V67C0 NEW**  
DVI-D  
to VGA Adapter



**H2V97C0**  
HDMI  
to VGA Adapter



**H2V57C0**  
Micro HDMI  
to VGA Adapter

## 1394b/a Series



**FWB3400T NEW**  
1394b external FireWire port x2  
1394A sharing internal FireWire port x1  
PCIe Host Card



## TAIWAN

TAIPEI HEADQUARTERS

Tel : +886-2-8913-1987

R&D CENTER

Tel : +886-2-8913-1987

Email : [info@sunix.com.tw](mailto:info@sunix.com.tw)

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## CHINA

SHANGHAI

Tel : +86-21-6469-1670

BEIJING

Tel : +86-10-65308421

SHENZHEN

Tel : +86-0755-33500418

Email : [info@sunix.com.cn](mailto:info@sunix.com.cn)

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## EUROPE

GERMANY

Tel : +49 (0) 69-95209506

Email : [info@sunix-euro.de](mailto:info@sunix-euro.de)

SUNIX was established in 1986. In 1995, we released the world's first RS-232 single-chip communication card; ever since, we have become the go to serial cards specialist, and number one world sales leader for serial cards. SUNIX's headquarter and R&D Center is located in Taiwan, and our factory in Kunshan, China. SUNIX is one of very few vertical integration suppliers with original chip design, software/hardware/firmware designs and supports, high quality products manufacturing, as well as global sales capabilities. For more than 30 years, SUNIX has specialized in the field of "Commercial communication". In this past year, we announced a revolutionary design for the IoT era, EAZInet, a true "Plug and Play" networking technology, which is able to provide the best intelligent transmission solutions for IoT applications. At SUNIX, we are striving for environmental protection and active participation in public welfare. Like our slogan "**Plug Into A Brand-new World.**"

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