

EDITION 2022

DiBiS

COMPANIES
Netherlands - Taiwan

Representing:



*The dedicated brand label
for flat panel products!*

SERVICES:

STANDARD CUSTOMIZATION SUB-ASSEMBLY LOGISTICS



Professionals behind the screens®

Let us tell you about the ...

[bigger picture!]

It all starts with you!

By sharing your requirements and concept thinking, it gives us an opportunity to source the optimized mix of right product and right supply partner to the benefit of your final product.

Finding a solid partner is very important in order to secure supply now and in the future. We aim to take all variables into consideration and explain to you our findings.

We look beyond technology and price by taking into account terms as ***continuity, flexibility, long-term focus, trustworthiness***, and of course special attention to ***price and quality***.

What do we bring to the table?

From our customers we learn what drives them, what they require and how they adapt and overcome technical challenges. We keep up with the latest developments and how to integrate these findings and views into final products and systems.

It is our sincere pleasure to get further in touch with you to discuss your product analysis and concept. The combination of demand and supply create an advanced insight. This is empowered by detailed product knowledge, design experiences, market development updates and solution driven commitment. And we have a 20 year track record to prove this!

What else?

Sourcing products for your application can be challenging. Random supplier selection usually does not serve the purpose. Professionals expect to do business with a solid business partner that has the same interests at heart, strengthening the mutual benefit mentality.

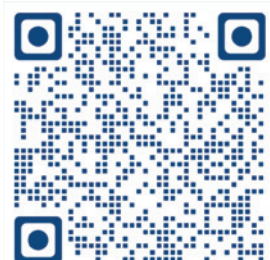
When you get DiBis and its partners involved, you may rest assured of continuous support development aid, resulting in a configuration with minimized loss of time and money.

Final goal!

We are convinced that with all material matters covered, there should be ***mutual trust***, transparency and respect. We always strive for perfection! The ultimate achievement is to ensure our customers will come back to us time and time again, fully convinced that the next project will be just as pleasant and successful as the one before.



Follow us on LinkedIn ([dibissales](#)) where we publish latest product updates and industry news.



Brief Introduction

Introduction:

DiBis invests continuously in knowledge and improvement of its product range. Frequent visits to customers, suppliers abroad including attendance of local and international exhibitions to establish a well-founded relationship and a broadened view. Our suppliers recognize our **commitment and determination** to ensure that our customers get the best possible deal with the **all-win mentality**.

The constantly updated information database facilitates our staff to comprehend market developments and make recommendations.

Benefit:

You can rely on our experiences of over 2 decades. Our partners have already welcomed our open way of communication as we hope you do too. The extensive collection of samples and demo units, customers are quick to evaluate size, shapes and the inevitable “look and feel”.

When standard solutions don't meet the goals set by customer's design teams, we can make suggestions on product improvements according to the demand.



Knowledge:

In the early beginning, we took it upon us to become a relevant partner in the display- and affiliated markets for the Benelux. Gradually and steadily we are expanding to surrounding countries to spread our total concept approach. Money, time and effort are invested in **global wide visits** of customers; suppliers; exhibitions and seminars.

These inputs generate the opportunity to, on a larger scale, closely follow the widely adopted principles while maintaining an open mind towards the future outlook.

In conclusion:

The constant information flow analysis evolve in seeing the bigger picture, which we welcome to share with you more into detail. Sourcing a product / system for our customers that is meant to fit your application is our main goal.



Testimonials

Find out what our customers have stated on www.dibis.eu

About DiBis



Mission:

With our **personal approach** we enable professionals in the industry to achieve their goal to obtain display solutions, embedded boards and systems at a minimum of effort at competitive pricing.

Vision:

Being the most valued and inspiring partner for display (related) products for our customers and suppliers by constantly striving to source and supply the best possible products as well as services from around the world.

Philosophy:

Our philosophy is to grow in added value and expertise, not just to increase volume and size. Stability and continuity are the pillars of successful business. We have maintained relationships with customers and suppliers dating back to the early start of the company.

Added Value:

In order to keep the on-time and constant supply of high quality products strongly depends on the capability to build relationships with suppliers from different backgrounds. Our company has an impressive track record in long term cooperation's developed from mutual trust, benefit and continuity.

Core Values:

We believe **trust** is the key element in working together smoothly. Sharing information, especially when it concerns a new development, can be a tricky task. Our main suppliers and development / assembly partners have already signed a standard NDA (Non-Disclosure Agreement). Per project we can extend the content when needed.

Environment:

Current events have shown we are now all convinced that we should do our best to **preserve the planet** for future generations. We join efforts with our partners to optimize shipments in order to reduce CO2 emission when possible. Reusing packing material and environmental conscious waste management are high priorities.



Locations

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E-Sun bank, Yongan Branch New Taipei City
IBAN TWD : 111 5940 009779

DiBis standard shipping partners:



Available for pick-up and shipping deliveries:



SHENZHEN ZHIHE LOGISTICS CO.,LTD
深圳市智和物流有限公司

Available for pick-up and shipping deliveries:



RKI Corporation
Burbank, California

LED Products

LED products excel in **reliability**, **readability** and **rugged design**. The technology allows sunlight readability by means of high brightness types and is little influenced by low and high temperatures. In comparison the interfacing is simple and straight forward.

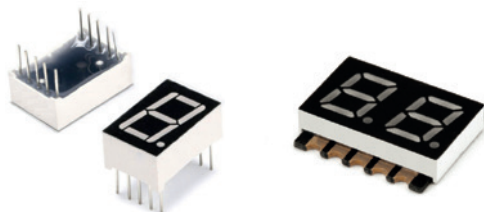
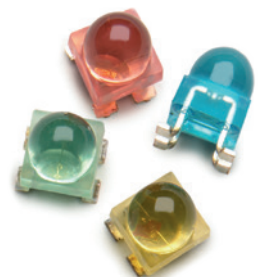
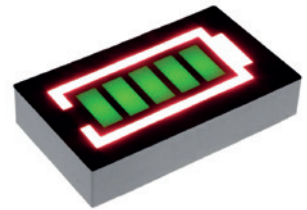
The LED product range includes:

- **SMT and SMD lamps** (bulk, tape or reel)
- **Displays modules** (SMT or SMD)
- **Buttons-shape**, optional with **touch functionality**
- **Light panels** (regular and special backlights)
- **Custom module custom design** incl. connectivity

Specials and custom design are fully supported by skilled factory design teams. Optional features such as touch, color adjustment, dual or multi-color items and even integrated controller chips for direct interfacing.

LED light panels (e.g. backlights) frequently find their way in environments where limited power consumption meets high brightness. This could be anything from medical systems to emergency lighting, but also in advertising (digital signage add-on applications).

Suitable LED display applications are limited because of a lower pixel resolution and lack of direct drop in displays (for e.g. LCD). The constant power requirement narrows the potential suitable applications.



Unique specifications and functionality considerations apply to the color (nm), brightness, viewing angle, lens shape, lens color and size of LED products. Quality assurance programs closely monitor the output and effectively result into a very low defect rate. Always consider the individual “pro’s and con’s” to verify if LED is the right choice.

OLED Products

The OLED technology is known for **unmatched contrast** and **viewing angles**, outperforming all other current available technologies while incapsulated in an ultra-thin design. Topped off with **fast response time**, unaffected by lower or higher temperature and without potential “cross-talk” phenomenon.

Special design COB types have been developed to serve as a **drop-in replacement for LCD modules**. This saves customers time and effort in case they require optimal viewing characteristics.

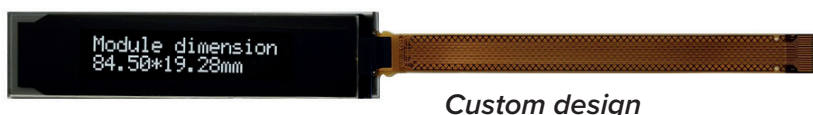
The product range involves:

- **Monochrome, Multi-Color** and **Full-Color** in **COB** and **COG** types
- **Segment** and **dot matrix**
- **Rectangular** and **round** versions
- **Extreme wide temperature** (-40°C ~ 90°C or higher)
- **Flexible / bendable** versions
- **Transparent displays**

Emerging OLED developments result in a rapid expanding range of applications, which in turn increase available sizes, shapes and colors.

Wide temperature products find their way in the automotive field where the ultra-thin full-color types tend to dominate mobile and wearable applications, gradually moving into VR (virtual reality) products.

Flexible color AMOLED types have not yet reached the industrial standards, therefore limiting the availability via distribution channels.



Custom design

Semi-custom OLED design has become within reach because of lowered MOQ (minimum order quantity) and NRE charge (non-recurring engineering cost). Depending on design requirements and volume, investigating design optimization for (semi-) industrial products can be profitable.



LCD Products

This very **mature technology** has shown tremendous **stability** and **long term availability**. Great features for specific applications that need a typical longevity in combination with low cost, low power and less driving resources. LCD products in general are one of the easiest flat panel technologies to be customized.

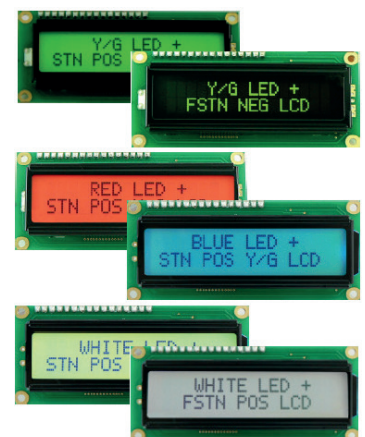
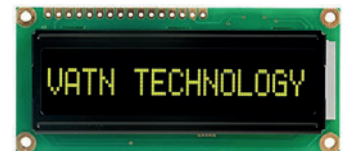
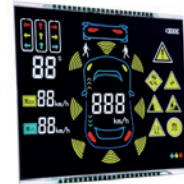
A general overview of the product palette:

- **TN / (F)STN monochrome:** panel only, COB and COG displays, segment, character and graphic types;
- **VA type:** segment types, COG and COB versions
- **ETN / HTN:** high reliability displays for (extreme) wide temperature up to automotive and military spec;
- **ISTN / ASTN:** displays with faster response time characteristics.
- E-Paper / ChLCD: Ultra low power displays with single, dual or multi-color option, segment and dot matrix;
- **FS type:** backlight color controlled segment display (COG/COB)
- **CC-TN®:** unique custom design reflective color displays;

LCD is a typical passive technology in need of a (natural) light source (front or rear) to create contrast. This implies the possibility to be readable in bright sunlight without high power consumption (reflective and transfective types). This technology in itself is low power and is simple to integrate with touch solutions.

LCD technology is ultimately suitable for customization and add-on support to improve performance and intuitive use at low NRE charges in combination with low MOQ's. Most utilized customized design options:

- Size optimization and PCB adjustment
- Positive or Negative mode
- Backlight adjustments (color, brightness, profile)
- Increased operating temperature range
- TCC (temperature compensation circuit) and DC-DC converter (for single Voltage input)
- Cable or pin header add-ons



TFT Products

TFT displays have reached market domination both in consumer and industrial applications. The technology is embraced because of the **improved optical characteristics, shape diversity**, decreased power consumption and advanced driving electronics. Main markets targeted with high reliable types are e.g. transportation, test & measurement, industrial and medical. Other high volume markets are vending machines, audio/video systems and digital signage.

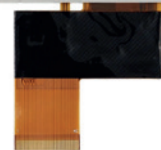
Standard available technologies:

- **TN** (original standard) / **TN + WVA** (Wide Viewing Angle)
- **Monochrome TN** (limited availability)
- **IPS / MVA** (wider viewing angles)
- **Sunlight readable** (high brightness or transreflective)
- **Transparent displays**

Availability of **sizes** and **shapes of TFT displays**

- ranging from < 1 inch to 100 inch+ (diagonal);
- square; round; landscape, ultra-wide screen;
- suitable for portable and wearable products;
- borderless (active areas are right up to the side of the displays);
- LED driver and interface board integration;
- Touch integration option.

We source and supply products from leading glass makers : Innolux, AUO, Hannstar, LG, Samsung, BOE, Tianma and others. Through our DISvue brand label, a careful selection of module makers are represented, each with their specific added value and flexibility.



Our cooperation with **preferred suppliers** and **DISvue manufacturing partners** we have a clear program towards:

- RMA (Return Material Authorization process according to ISO standard)
- Render supply and Phase-Out policy
- EOL (End Of Life) notification and LTB (Last Time Buy) option
- Custom design support

Smart Displays

Displays are usually **depending on external driving electronics**. Therefore in principle not equipped with on-board intelligence to handle standard operating software (OS) or even specific driving software.

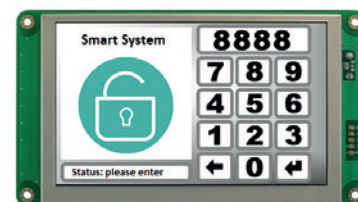
Specialized suppliers developed convenient products including a dedicated pre-installed software including an SDK (Software Development Kit).

These **off-the-shelf solutions** avoid loss of time, effort and money since it is no longer needed to figure everything out from scratch. The (usually) free development tool create a quick start for new products.

The selection currently available consist of:

- **Embedded mPU on board;** for simple configuration and command control;
- **Display & Embedded Board integration** with an ARM-based CPU;
- **Total solutions** with touch option and (IP65) enclosures.

Demanding environments may require more special specifications such as very long life backlights, high brightness, ultra-low power, different input voltages or even custom cover glass with logo and color change.



Raspberry Pi and **Arduino** based systems may benefit from our special display solutions.

Where iTeaD had direct plug-in displays, we also offer display sets with easy connection to low cost ARM CPU boards that allow to work via **USB single power** and **HDMI input** for the display and a direct USB control for the optional PCAP touch option.



To reach the ultimate design objective, we welcome custom design projects. Main **advantages** are easy development sub-systems, guaranteed communication between the components, long term availability*, customized design*, semi-industrial and industrial specification.

* Depending on factory and brand.

Touch Solutions

Touch products turned more into a necessity rather than an option. Given the fact that almost all applications are different and sold internationally, touchscreen requirements must meet the specific demands. These demands may be related to:

- Size
- Performance (speed)
- Thickness (of coverlens)
- Durability
- Transparency and coatings
- Interfacing (controller IC / board)
- Bezel color / logo printing
- Sealing (water and dust proof)
- Operating under various conditions (water / moist)
- Integrated features (e.g. buttons, sensors and speakers)

Current most common technologies are :

- **PCAP / PCT** (Projected Capacitive)
- **Resistive 4-wire; 5-wire and 8-wire**

Alternative technologies:

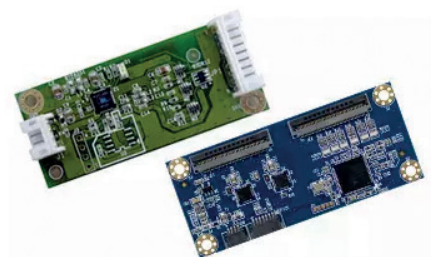
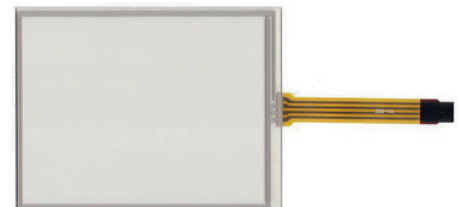
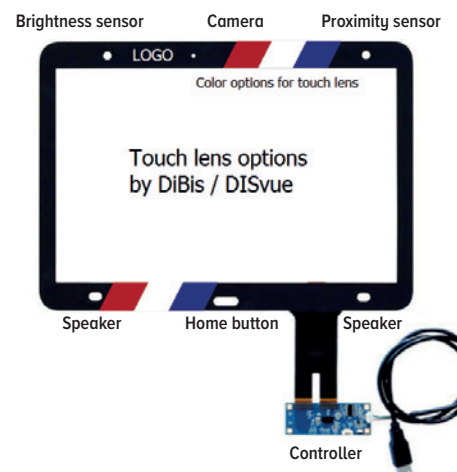
- **IR touch** (InfraRed)
- **SAW** (Surface Acoustic Wave)
- **EMP touch** (Electro Magnetic Pen), optimal “no wear out” pen writing technology where the touch pad is mounted behind the display.
- **Touchscreen mirror**, used for the smart-home market and in advanced advertising systems.

Application and environment have a great influence on the determination of the optimal of touch solution, depending on advantages and disadvantages. Contact us for a more detailed overview.

Touch controllers are recommend to use a total factory solution, however customers have a choice concerning a separate touch controller board or a COF (Controller On Flex).

The main advantage of COF is lower cost and no need for additional space or assembly.

COF tails have miniature connectors incorporated for host connection.



Capabilities

Display kits

Displays depend on a signal host to show an image.

Easy access to a direct display (& touchscreen) interface is a great advantage. For specific driver interface electronics we work closely together with expert development companies.

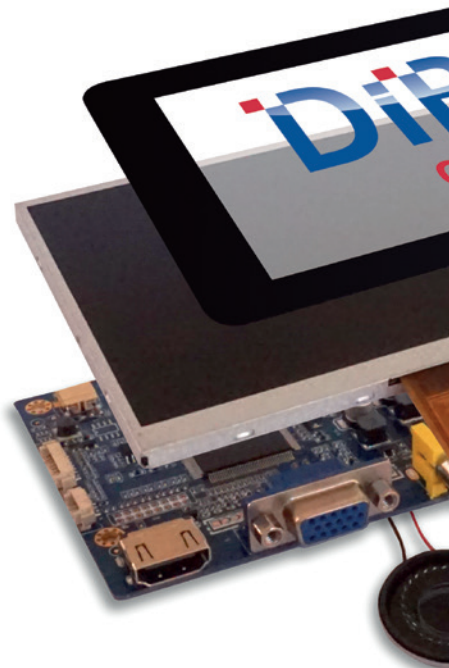
Supported original flat panel display signal inputs:

- TTL / RGB / LVDS / MIPI-DSI / eDP
- SPI / I²C / MIPI-DSI
- S-Video



Interface kits consist of:

- Interface board (single/dual/multi input)
- Matching cable kit
- OSD control PCB
- LED driver board (if applicable)
- Power adapter (optional)
- Speakers (optional)
- Touch controller board (optional)
- PoE support (optional)



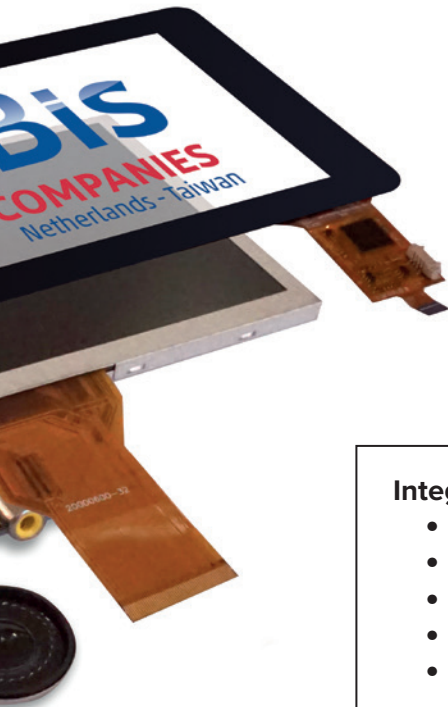
Enhancement

- Display enhancement filters
 - AR (anti-reflection) / AG (anti-glare)
 - Anti-Smudge (no finger print or greasy stains)
 - Anti-Scratch (up to 9H hardness)
 - Polarizing filter for sunglass readability
 - Brightness enhancement film (BREF)
- Viewing angles improvement (O-film)
- Brightness (high performance LED backlight)
- Longer life LED backlight (up to 70.000+ hours)
- Cover glass for protection
- Optical bonding (strength and optical performance improvement)
- Heater foil for very wide temperature operation



2.4 inch with custom tail and sunglass readable front polarizer

Specials & Solutions



Customization

When standard products can't cover the application requirements or there is room for improvement towards e.g. the assembly process, we welcome our customers to let us know their wishes and concerns.

By **focusing** on the final product requirements, we may suggest options as:

- **Add-on** - display or board is provided with extra cables or headers;
- **Semi-custom** - a minor design alteration of the standard product;
- **Full custom** - basically a new development from scratch.

Integration

- Frame work – mounting support for narrow frame displays and/or touch
- Plastic molding – for total solution development
- Sub-assembly – open frame units for rugged and flexible mounting
- Touch integration – multi option for display / touch mounting
- Interfacing – add-on board or complete interface kits

Specials

Mission critical solutions for applications that require products that are able to run 24/7/365 in high demanding environments, e.g.;

- Medical
- Transportation
- Military
- Surveillance / Fail safe systems



Outsourcing

Sub-assembly and total solutions cover:

- Display / PCB integration
- Metal work and plastic mounting brackets
- Unit and shipping cartons with custom logo's and product labels
- Custom manuals with only customer information
- Full QC (quality check) reports
- Full after sales support (RMA service and reports)



Monitors

For more special types of monitors we have carefully selected suppliers which support regular desktop applications. Alternative manufactures are specialized in industrial monitor types which integrate special features to be used in heavy industrial systems, transportation and in military applications.

Desktop versions:

- Touch and non-touch types
- Plastic or metal frames
- Desk stand or wall mount brackets
- Semi-custom development
- Long life backlight type
- Curved sleek design
- Multi-signal input

Industrial types:

- Touch option
- Mounting brackets and/or metal frames
- Long life / high brightness backlights
- IP64 ~ IP69K front (and rear, including the connectors)
- Wide temperature range (with optional heating support)
- Industrial and military grade
- Semi- and full custom design



Modular Sunlight Readable Display Module with strong mechanical design.

Compliance notice:

The majority of the monitors we offer are CE / FCC / RoHS compliant, please check per item the monitor specifics.

Special types are ATEX and Advanced Sealing Techniques.

Mission critical:

For high-end and extreme reliable systems we obtain monitors that are specifically designed to withstand the **toughest environments**. Examples of special features: MIL spec very wide temperature range, ultra-low dimming, NVIS characteristics (backlight and touch), shock- and vibration resistant and water- / airtight enclosures.



Military monitor

Tablets

TABLETS – CONSUMER / RUGGEDIZED / WALL-MOUNT and TABLE-TOP

Portable and wearable products encountered strong demand. The need for information anytime and everywhere is mandatory for many different market segments. What started out as mostly a consumer market solution, has been vastly adopted by the industry and the digital signage market.

The increasing calculating power of mobile CPU and GPU chips makes tablets a wireless extension for industrial machines, logistics, medical applications and advertising systems.

Consumer tablets:

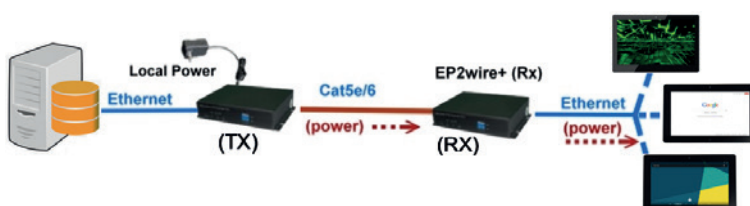
On project base we support the sourcing of consumer alike tablets that might just have that bit more to offer. Although the lifespan of identical supply is shorter than rugged type, there is some room for customization and continuity.

Rugged tablets:

High demanding environments benefit from the rugged tablet line. The processing power and strong design allow them to be used almost anywhere, running either on (pre-installed) Android OS or Windows OS. These tablet come with many upgrades and options.

Wall-mount and table-top tablets:

In public accessible domains like hospitals, care centers, hotels / restaurants, schools, libraries and governmental buildings, wall-mount tablet will guide the way. And at the touch of a finger it offers direct audio- and video communications. Special features are the PoE and outline lighting in various colors.



The special features for PoE tablets provide a **single cable system solution** that is both easy to configure as well as very dependable. With additional repeaters or extenders, the signal will not suffer from lag or interference and is very secure.

Digital Signage

Digital Signage solutions develop customer loyalty and attraction.

The versatility of the so called All-in-One's are suitable in different fields of indoor and outdoor applications such as advertising, smart-home / smart-office projects and travel information systems.

Sizes, looks and other specifications depend on the factory we suggest for interactive promotional activities from small size up to 100 inch or more with a complete control board or computer installed.

Combining the **“power of three”** you will make the system come to life!

- Hardware incl. OS and FirmWare
- CMS (Content Managing System) and
- Development service

We assist developers in setting up the preferred hardware and software.

Popular features like PoE, motion sensors, buttons and touch for customer engagement. Specific software integration in standard Operating Software and other skills plus tools. The final application requirements will further dictate the specification outline (e.g. outdoor use, touch enabled, network incorporation).



10 inch Android tablet with PoE for meeting room



Customer information monitor with speakers

Very wide stretched monitors for advertisements and information systems.



Transparent TFT are commercially available and targeted at multi-media applications like in-shop advertising, digital signage and other interactive window promotions. These transparent displays are the ultimate types to be combined with touch and are considered to “turn heads”!



15 inch 3-sided ordering display

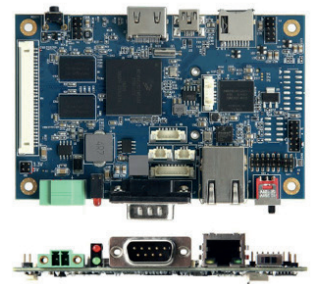
Embedded

For applications that require processing capacity, the choice ranges from basic solutions on “credit card size” up to full functional All-in-One boards with either ARM based or x86 based CPUs.

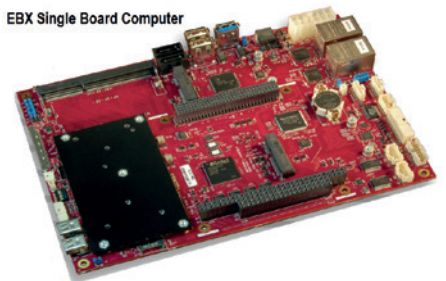
Embedded boards combine lower cost, low profile, low power and thus low heat (fanless). ARM CPUs in general have restrictions compared to Intel types.

Standard single boards already come with many functionalities, but can be further upgraded with:

- On board CPU options (ARM or Intel)
- Cooling (with fan or fanless with heatsink)
- On board memory; DRAM, Flash, Micro SD, mPCIe socket types etc.
- Pre-installed OS (Android, Linux, Yocto, Windows, WinIoT)
- Customized BIOS / Firmware settings
- Network (RS232/422/485, USB, LAN/WiFi, BT, GPIO, CAN, 3G/4G, etc.)
- Display integration (incl. update VBIOS)
- Touch controller set up
- Cable sets
- GPS / Gyroscope
- Wider temperature range

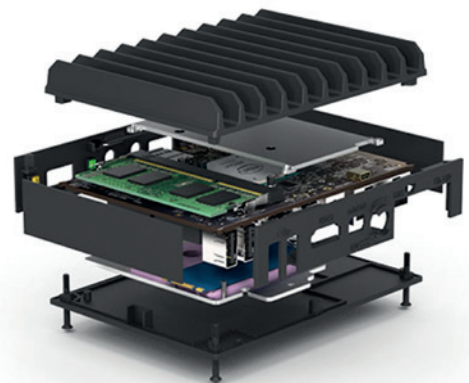


EBX Single Board Computer



MTBF value improvement may be achieved by:

- Limiting moving parts
- Conformal coating
- Airflow and heat dissipation design
- Non-condensing characteristics
- Protective film (e.g. flame retardant)
- Surge protection
- Wide Voltage input
- Water and dust protection
- Mounting structures



In principal all **boards have CE and FCC approval** and are according to current RoHS / REACH standards. The operating temperature range can be increased to -20°C ~ +70°C and for mission critical applications fanless solutions may reach -40°C ~ +85°C.

PC Systems / pPC

Panel PC systems (pPC for short) package for **these systems combine all functionality in one**. Processing capacity, memory, storage, display and touch all integrated in a single unit as a full industrial specification type or a desktop type.

Special features:

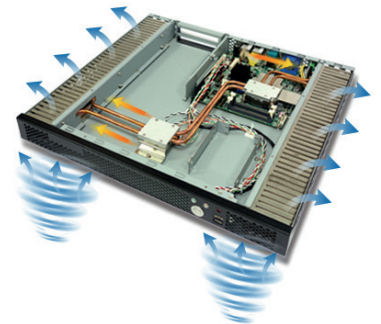
- Small size to large wide screen
- Standard, IP64 ~ IP69K (either front only or housing)
- Standard or high brightness
- Wide temperature range
- Touch options
- WiFi / 4G connection
- PoE compact systems

The IPC (Industrial PC) systems that are available range from add-on boxes that can be mounted directly onto an (industrial) monitor with e.g. VESA mounting holes. The result is that the display part can remain as is while the computing part can easily be upgraded or downgraded.

For applications where the **ambient environment is more demanding**, we suggest to use more rugged housings.

Below a listing of additional possibilities:

- Embedded (Fanless) chassis, both standard and (full) custom
- Industrial chassis
- 19 inch rack chassis: 2U, 4U, 6U and workstation
- Network / storage chassis
- Military specifications (shock and vibration)
- Very longevity component sourcing by supplier



Our suppliers already take care of all the general concerns towards their design. Upon request they serve customers with **special demands** on cooling and airflow, low power, ruggedness, mounting and pre-installed memory and software.

PoE

Installation of network applications without additional power cable, create a certain flexibility and cost reduction. With the right combination of dependable PoE products, all is needed is a fitting network cable. This higher demand has resulted in an attractive product range that is commonly available.

The extensive product range is in general (but not just limited to):

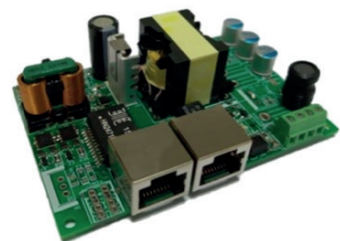
- Splitter (with housing or bare unit)
- Injector Adaptor / Injector Hub
- Switch (with surge protection)
- Repeater / Extender
- Managed / Unmanaged Switch
- PoE to USB Combo
- Industrial-grade / Commercial-grade
- Open frame

The PoE products are represented under our brand label DISvue. With our Taiwanese manufacturer, we support OEM customers by means of semi-custom, full custom and specials.

The factory has its own design team and factory, keeping the communication lines short. The total “in-house” development and manufacturing support **long term availability**. For ruggedness and heat dissipation purposes the PoE solutions come in a well-designed metal casing.

All products come with 24 months warranty and clear manual. The factory in principle provides generic unit packaging, but also OEM packaging for large volume users.

30w / 60w / 90w



To future-proof today's installations for tomorrow's PoE, contractors and infrastructure owners should be thinking about cable bundle size, minimum bend radius, and other critical factors that impact the data cable pathway.

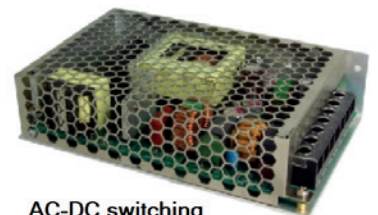
The increase in power levels is motivating standardization organizations to define limits.

Power and Solar

Power is usually sourced from the electricity grid because it is easy and relatively cheap. Taking pride in representing a full range of small footprint **external** or **internal power supplies** up to high end redundant power systems. All designed according to safety and efficiency standards. Industrial types are **safe, reliable** and **stable**.

Availability in power supplies are:

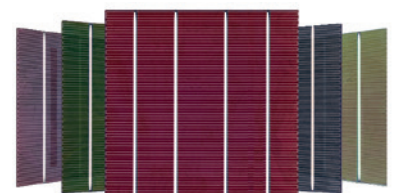
- Internal power supplies
- DIN rail mounting
- Dual power input (DC and AC)
- High efficiency and high density ranging up to 3000W
- High reliability (MTBF)
- Wide temperature
- PM Bus feature
- Low ripple and low noise
- Redundant units (hot swappable)
- Back-up battery (on-line)



AC-DC switching power supply



Single power supply



Classic series Solar Cell tiles

For outdoor applications where power lines are too remote, high **power efficient** and **customizable solar panels** emerge. Solar panels are ideal for low power information displays (e.g. transport info boards) and areas where potential pollution decrease is mandatory.

These **Taiwan-made** solar panels are very high efficiency types, available in **different colors, cut to different sizes and shapes**. Solar panels are fitted into metal frames that are easy to mount and have a direct cable connection for battery or system implementation.

Please contact DiBis before designing solar solutions. Considering to choose a standard solar module or a specific small design is a task for specialists. Our Taiwanese supplier has an experienced engineering team to assess the situation and support you with a bespoke solution.

Capacitors

The JB company specializes in production of capacitors which are widely used in consumer electronics, data processing, telecommunication, military industry, and industrial control equipment industry.

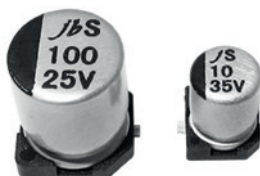
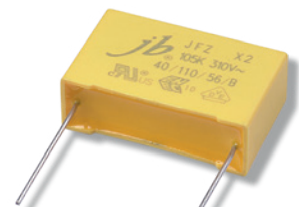
Expertise and experience in the following capacitor products:

- Plastic film capacitors
- Aluminum electrolytic capacitors (through hole and SMD)
- Polymer aluminum solid capacitors
- Ceramic capacitors
- Tantalum capacitors
- Super capacitors
- SMD ceramic trimmer capacitor

The total electrical charge that a capacitor can store on its plates is known as its “capacitance value” and depends upon three main factors.

- Surface Area – total of the two conductive plates which make up the capacitor, larger areas lead to greater capacitance.
- Distance – the smaller the distance between the two plates, the smaller, the greater the capacitance.
- Dielectric Material – material type which separates the two plates is called the “dielectric”. The higher the permittivity of the dielectric the greater the capacitance.

The factory sales department maintains a complete cross-reference library to verify the specifications of their capacitors compared to the characteristics of the application.



JB Capacitors Company is an ISO-approved manufacturer founded in 1980 in Taiwan, holding two factories located in China. Most products are exported to OEM factories around the world. JB is commitment to offer high quality products with fast delivery and takes pride in strong after sales services.

Spheres

The concept behind “Spheres”

Our vertical markets have led to our six “spheres”. Each of them represent a group of products with similar identity. Clearly identifying the vertical markets lead to recognition for easy fit in final solutions.



The slogan “*The dedicated brand for flat panel products*” emphasizes what DISvue stands for: Dedication! An extensive network and knowledge in the field of **displays, touchscreens, embedded, industrial PC** and **complementing products** result in unique products and total solutions.

The philosophy is to promote display products with basic intelligence on board. A minimum of effort products are able to set-up and maintain a basic level of communications. This saves both time and money for developing companies or OEM’s.



The brand label InterActivated is the combination of Interactive and Activated. By the touch of fingertips a machine or device can be controlled by a low-level interface. Touch technology has evolved and matured, making it a perfect solution in almost any application.

The industrial internet of things (IIoT) connects sensors, instruments, and other devices networked together with computers’ industrial applications, including manufacturing and energy management. It allows data collection, exchange, and analysis, facilitating improvements in productivity and efficiency.



nDurance® is derived from “endurance”, which means to remain active for a long period of time, as well as its ability to resist, withstand and (partly) recover from harsh ambient conditions. The products have their longevity and wide temperature operation in common.

The name DiBis Assyst is the combination of Assist and Assembly and aims to support customers with respect to outsourcing. Certified suppliers offer high efficiency Design To Order Service (DTOS) from global system integration to start-up’s and scale-up’s.



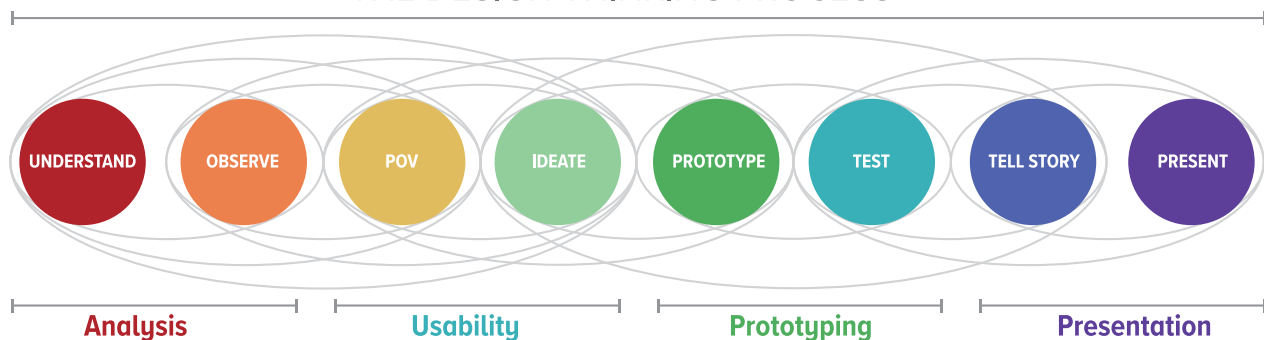
Custom Design

A custom design may just be what your application needs! It is a great opportunity to combine the new development with **unique features** placing your wishes as **first priority**.

DiBis will guide you through the process from initial product specification assessment to final version for mass production. The ultimate “look & feel” will be achieved to diversify your products from others.

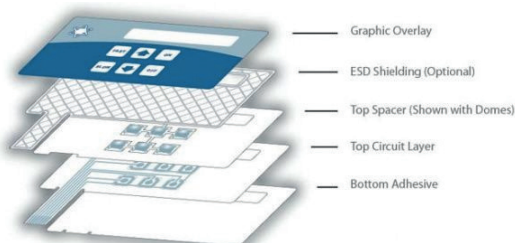
In the last 2 decades we have gained lots of experience, giving you the advantage of **quick turn-around times**.

THE DESIGN THINKING PROCESS



Custom design project considerations:

- Time frame
- Budget (unit price and NRE-charge)
- Wishlist vs specific and achievable requirements
- Mass production volume (average yearly quantities)
- Component integration (touch, cover glass, controller IC, board, frame, cables and other accessories)
- Thorough evaluation process (both at the factory and the customer)
- Printing (OEM logo, product type)
- Quality check incl. burn-in period at the factory
- Approval certificates (FCC, CE, TÜV etc.)
- Protection, packing and shipping material
- Method of shipping (e.g. when batteries are involved)



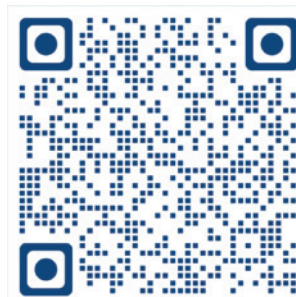
The DiBis Companies - Professionals behind the screens

DiBis Netherlands

DiBis Taiwan

DiBis logistics China

DiBis procurement USA



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