

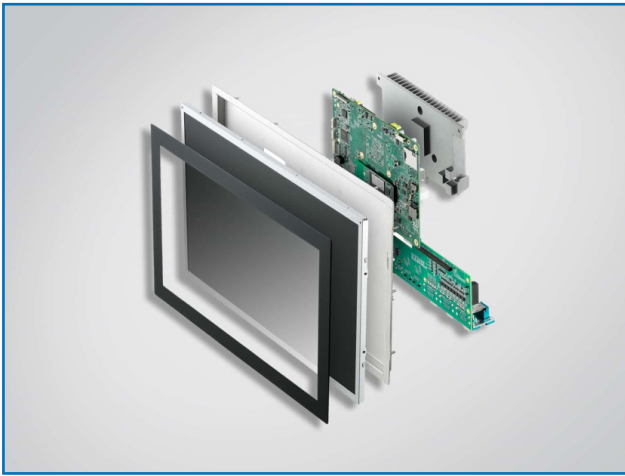


Panel PC, HMI & System Solutions

Embedded Systems, AI & Edge Computing



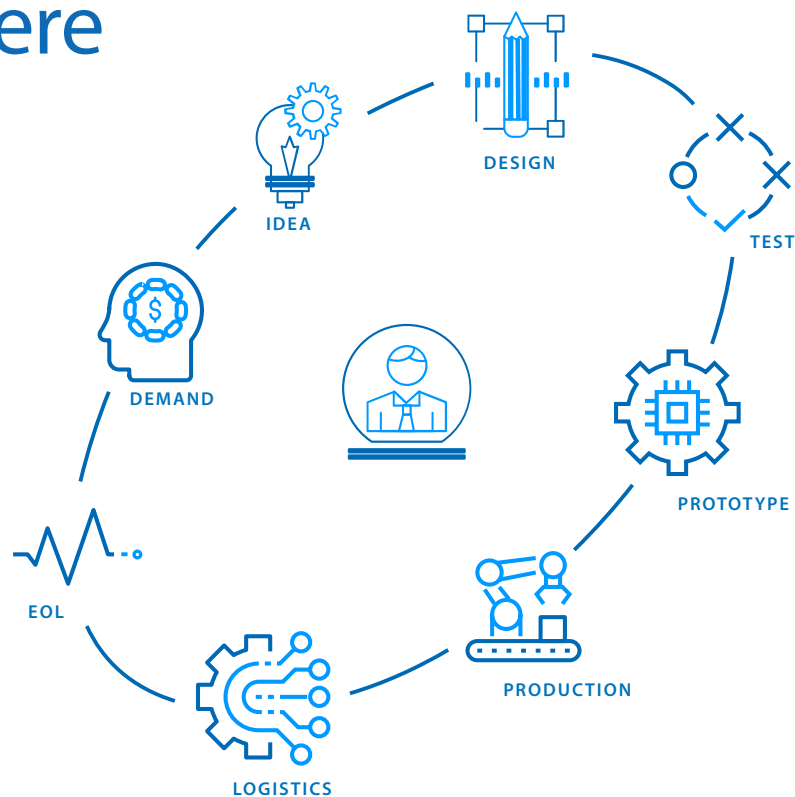
Panel PC, HMI Systems & Alcom



Open Frame Display systems, All-in-one Panel PCs, Human Machine Interfaces, Mobile Solutions

High-quality embedded products, displays and touch sensors, combined with Alcom's many years of application experience and our excellent networking with manufacturers, component manufacturers and industrial customers provide the ideal basis for successful implementation of system solutions. Alcom offers free of charge technical, application and integration support for the main hardware and software issues. We accompany you along the entire process – from the start of a concept or design up to series delivery!

Co-creation starts here



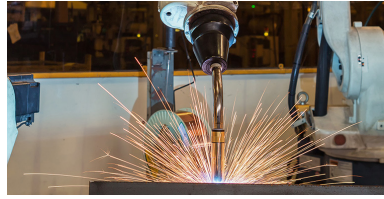
Alcom considers everybody an indispensable added value in the collaborative chain with all of its partners.



Markets



INTERACTIVE KIOSK



FACTORY AUTOMATION



FOOD & BEVERAGE AUTOMATION



MEDICAL IMAGING



TRANSPORTATION



OIL & GAS INDUSTRY

Optimal Display, Panel PC & HMI selection

- Fully IP rated stainless steel panel PCs for use in marine, food, beverage applications
- Industrial Panel PCs for heavy industrial environments
- Light industrial Panel PCs for commercial, retail and light-industrial applications
- ATEX certified HMIs
- Fully rugged HMI's
- In-vehicle Panel PCs
- Medical Panel PCs
- Smart Multitouch computers
- Driver machine interface
- Smart Panels
- Slim Panel PC
- Open frame Panel PCs
- Industrials displays & monitors

Innovative product solutions

HMI SYSTEMS



OPEN FRAME SYSTEMS



ALL-IN-ONE PANEL PC'S



INDUSTRIAL MONITORS



MOBILE SOLUTIONS



ALCOM SERVICES

- Free consultation
- Ready to integrate solutions
- Total system design & build
- Industrial/rugged solutions
- Product Lifecycle management
- Manufacturer certified FAEs

Technology Snapshot

Open frame Panel PC



Main features

- User centered design
- Easy mounting solution
- Multi-OS support



Slim design



Full flat screen



P-Cap Touch



Dual Display

Stainless steel Panel PC



Main benefits



Super scratch-proof panel



Sunlight readable



Stainless: Vandal-proof; Oil-proof



Full IP65/IP69 Design for Water-proof



Wide Volt./ Over Current Protection

Light industrial Panel PC



Main features

- Stylish design
- Ultra slim
- Front IP65
- Shock & vibration resistive
- Customization ability



Rugged human machine interface



Main features

- 5- Wire resistive touch
- Projective capacitive multi-touch (Full flat design)
- Front IP-65 & Rear IP41 waterproof
- Wireless WiFi+BT – USB/MPCle
- 3G, 4G/LTE, GPS – MPCle
- Swappable HDD
- Memory Service Window
- Available expansion boards

Technology Snapshot

Medical Panel PC



Main features

- 21.5" Full Flat PCAP Multi-Touch supports up to 10 points
- Intel® 6th Gen Core-i/ Celeron® processor
- UL60601-1 4th edition/ CE/ FCC Class B
- IP65 Rating
- Anti-Microbial Finishing
- Super slim design
- Easy maintenance
- Designed for easy usage
- Reserve enhance space
- Front bezel touch keypad

E-Ink based ePaper In & Outdoor solutions

Communication board, Digital signage display & Bedside card



Main features

- ePaper panel sizes available from 11.3" to 42"
- Customized chassis
- Outdoor solution features

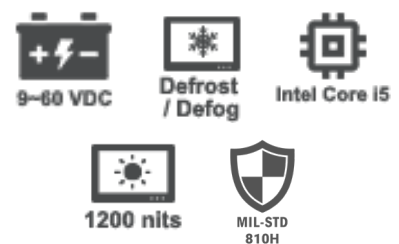


Vehicle mount computing & Mobile data terminals



Main products

- 10.4";12.1" Vehicle mount computers
- 7" mobile terminals



Rugged Mobile Solutions



Main products

- Semi, rugged & ultra rugged tablets
- Rugged handhelds & PDA's
- Wearables
- Vehicle mount computers
- Accessories

New product releases

RUGGEDIZED TOUCH MONITORS 10.1" TO 21.5"

The ARC series of ruggedized touch monitors available in 12.1", 15" and 17" screen sizes with 4:3 square ratio, and 10.1", 15.6" and 21.5" screen sizes with a widescreen 16:9 ratio, offering a wide variety of sizes, brightness and resolution options. All monitors feature front IP65 protection and a wide operating temperature range from -10 °C to 50°C (option -20 °C to 70°C for 12", 15", 17", and -10°C to 60°C for 15.6").



IP66/69K STAINLESS STEEL PPC & TOUCH MONITORS RANGE FROM 10" TO 43"

PPC-Z series, food grade stainless steel 316 panel pc, is a line of hygienic, heavy-duty, and outstandingly corrosion-resistant computing solutions. Being able to withstand heavy washdowns, it can fulfill strict sanitary requirements to ensure food safety and prevent contamination. This robust SS316 series is your perfect choice for demanding environments such as food & beverage processing, pharmaceutical, and chemical applications.

15.6"/21.5"/23.8" IP69K INDUSTRIAL PANEL COMPUTER

The IP69K-rated Titan Panel Computer series is designed for use in monitoring and controlling production processes in industries obligated to meet high hygiene standards. The Titan series features power-efficient computing and up to 1080p high contrast display to present control schematics and graphical diagrams to systems operators.



THE SUPERIOR VITAM SERIES PANEL PC WITH ELEVATED CPU PERFORMANCE

Size: 15"/15.6"/17"/19"/21.5"/23.8" TFT-LCD

CPU: 8th Gen. Intel core i3/i5 processor

Memory: 2x260-pin SO-DIMM up to 64GB DDR4 2400MHz

Storage: 1x2.5" SATA3 HDD / 1x M.2 B-Key 2280

Expansion: 1x Full size mSATA/mPCIe, 1x NANO-SIM, RFID module design on the front side (optional)

15-INCH AND 21-INCH MULTI-TOUCH OPEN FRAME MONITOR

OFM-15W00/ OFM-21W00 provides easy maintenance and installation due to its open frame architecture, and gives customers more flexibility and room for customization as it can be easily integrated into different computing systems. The OFM series may be installed in three different methods, i.e. flush mounting, panel mounting and wall mounting, allowing for fast installation and compatibility with any embedded application.



NEW IN-VEHICLE PANEL PC

Aplex launched a new in-vehicle panel pc, the APC-3103. Designed for logistics, warehouse forklifts, cultivating machines and more. It is powered by ARM based processor freescale I.MX8 and with a built-in 4GB DDR4 memory. The panel pc is totally IP66 waterproof. The 10.1" projected capacitive touch screen supports 7H anti-scratch and sunlight readable solution.

Alcom product portfolio

| | | | |
|--------------------------------|--|---|---------------------------------------|
| ELECTRONIC COMPONENT SOLUTIONS | WIRELESS EMBEDDED CONNECTIVITY & SENSORS | WIRELESS & INDUSTRIAL CONTROLS NETWORKING | DISPLAY & TOUCH |
| LED & SOLID STATE LIGHTING | POWER & EMC | RUGGED MOBILE COMPUTING | EMBEDDED SYSTEMS, AI & EDGE COMPUTING |

- Semiconductors
- Frequency & timing
- Power management
- Circuit protection & discretes
- Magnetics
- Passives & electromechanical
- Connectors & cable assemblies
- Photonics

- Wireless modules
- Antenna's
- Sensors

- Routers & gateways
- Wireless embedded computers
- Industrial ethernet and IP variations
- Wired & wireless machine networking
- Antenna's
- Device to cloud solutions
- Connectivity & remote management services
- Networking & connectivity

- Displays
- Touch screens
- Optical bonding
- Total display solutions

- LED light sources
- Optics
- Thermal management
- Power & intelligent controls
- LED modules

- AC/DC power supplies
- DC/DC converters
- Power management modules
- Wireless charging
- E-mobility solutions
- Transformers & power inductors
- UPS
- EMC filters

- Tablets
- PDA's
- Vehicle mount computers
- Accessories

- Computer-on-modules
- Embedded boards
- Industrial PC & automation
- System integration

Bridging the gap between technology, people and business with a human interface.





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Get to know us

ALCOM PROVIDES THE WORLD'S MOST ADVANCED TECHNOLOGIES.

With a team of like-minded entrepreneurs, Alcom will continue to inspire its valued customers to use advanced innovative building blocks in vertical markets. The importance of providing high-level services and a human interface based on specialism, knowledge and design-in expertise will remain key differentiators.

Alcom is positioned for growth. We invite all our customers to discuss their current and future concepts and designs. Let's connect, work and grow together.

