



ITD

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Specialist in Industrial Displays
-to Supply High Performance Industrial Touch Displays Globally

Company Culture
Specialist in Industrial Displays
-to Suppty High Performance Industrial
Touch Displays Globally

ITD is a worldwide leading industrial touch display equipment's solutions provider with an after-service center in Netherlands combining researching, developing, manufacturing, marketing & service with an excellence in varied kinds of industrial displays and touchscreen products started from 2005 and later expanded to embedded panel PC, digital signage, rugged stainless steel/aluminum alloy IP65 industrial displays, and ultra-wide stretched bar LCD displays for industries ranging from banking, transportation and logistics, to automation, marine, railway, oil and gas, energy, healthcare, and field service.

ITD not only supplies a very wide and deep range of standard products 5.7"~84", but also provides professional services in customizing products to satisfy all customer requirements. ITD's main products include:

Main Products

- Industrial Touchscreen LCD Display
- Panel PC
- High Bright Sunlight Readable Display
- Rugged Stainless Displays and Panel PC
- Indoor & Outdoor Digital Signage
- Stretched Bar LCD Display
- Desktop Touchscreen LCD Monitor
- Marine Grade Display and Panel PC

With years' developing, we have had a senior, aggressive and professional team covering R&D, purchasing, production, QC, marketing, and customer service. By virtue of powerful technical strength, we continually provide diversified solutions and technologies to meet customers' different requirements. In the industry, we are getting good reputation replying on superior technology service, own designed high reliable industrial grade controller board with wide operating temperature from -20 to 70°C, scientific designing with low radiation, low power consumption, high reliability, high durability, and high environmental adaptability.

"Better Customer Satisfaction" is our eternal pursuit in ITD. Sound quality control (IQC, IPQC, OQC, and FQC) and all around service (pre-sales, sales, and after-sales) are making ITD developing rapidly and stably.

We are also persistently focusing on researching and developing cutting-edge technology of industrial touch displays and market-oriented trend to let all our customers enjoy perfect experience resulting in mutual win-win.

Mission: To supply high reliable and durable industrial touch displays for the whole world.

Business Strategy: Persistent pursuit of customers' satisfaction and innovation.

Vision: Through our core technology and developing more products that fit to market' s requirements, linking to all kinds of industrial applications fields, we hope to be a pioneer manufacturer of industrial touch displays that offer high cost-efficient products to achieve final win-win.

Application



ITD 艾特达
Industrial Touch Display

Open Frame Monitor



Open Frame Monitor

Open Frame Monitor

ITD Open Frame Monitor and Rear Mount Monitor are fully-integrated, commercially off-the-shelf units that combine high-performance different touch technologies in industrial-grade LCD flat panels, a perfect cost-effective solution for in-cabinet displays. It provides reliability, durability, and expected long product life. The rugged all steel frames and highly-durable 6mm glass front surface optional for vandal proof provide the durability needed for demanding industrial or commercial applications like point-of-sale (POS) transactions, self-service kiosk systems, gaming, banking automation, and industrial machinery builder applications.

Main Features

- Long lasting product cycle for continuity thru all phases of project rollouts and servicing
- Exceptional quality and highly engineered industrial monitors
- Delivers drift-free operation with min. lifetime of 35 million finger touches
- Easy-to-install console and Open Frame chassis-mount display
- Multiple mounting options (70/100mm VESA mount and side brackets)
- Accuracy in high-use applications
- Optional panel with ultra high brightness, along option with auto-dimming sensor offers energy saving for outdoor or semi-outdoor sunlight readable application
- Supports Windows, Linux, Android, Raspberry Pi, Mac operating systems

Technical Specification

LCD Type	Active matrix TFT-LCD
Size	5.7~82inch
Brightness	250nits~3000nits optional
Working Temperature	0°C~50°C; -20°C~70°C optional
Storage Temperature	Storage Temp: -30°C~70°C
Working Humidity	20%~80%
Storage Humidity	10%~90%
MTBF	50000 hours
LCD Backlight Life	50000 hours
Touch Panel	Resistive, SAW, IR, PCAP
Touch Interface	USB or RS232
Video Input	VGA/DVI/HDMI/AV
Power Supply	Internal or External Power Supply: 100~240V AC, 12V DC
Certificate	CE, FCC, RoHS
Warranty	1 year or more years optional

Chassis Monitor

Panel Mount Monitor



Chassis Monitor

Panel Mount Monitor

Chassis Monitor

ITD Chassis LCD monitors is uniquely designed to satisfy the needs of system integrators or VARs with fully-integrated, off-the-shelf units that combine high-performance touch technology, in industrial-grade LCD flat panels, with sleek and flush mount chassis front surface industrial design. ITD industrial chassis monitors provide reliability, durability, and expected longer product life. The rugged all steel frames and highly-durable glass front surface provide the durability needed for demanding industrial environments or applications like banking, digital signage, kiosks, POI, OEM machinery, transportation depots, theme and amusement parks, airports and railroad terminals

Main Features

- Robust display technologies provide integration and design flexibility
- Exceptional quality and highly engineered industrial monitors
- Delivers drift-free operation for a lifetime min. of 35 million finger touches
- All steel construction designed for harsh and industrial environments
- Optional IP65 (Ingress Protection) front provides protection against ingress of dusts and water projected from chassis front direction
- Optional panel with ultra high brightness, along option with auto-dimming sensor offers energy saving for outdoor or semi-outdoor sunlight readable application
- Chassis and VESA mount display, easy-to-install
- Supports Windows, Linux, Android, Raspberry Pi, Mac operating systems

Technical Specification

LCD Type	Active matrix TFT-LCD
Size	5.7~82inch
Brightness	250nits~3000nits optional
Working Temperature	0°C~50°C; -20°C~70°C optional
Storage Temperature	Storage Temp: -30°C~70°C
Working Humidity	20%~80%
Storage Humidity	10%~90%
MTBF	50000 H
LCD Backlight Life	50000 H
Touch Panel	Resistive, IR, SAW, and PCAP optional
Touch Interface	USB or RS232
Video Input	VGA/DVI/HDMI/AV
Power Supply	Internal or External Power Supply: 100~240V AC, 12V DC
Certificate	CE, FCC, RoHS
Warranty	1 year or more years optional

Panel Mount Monitor

ITD Panel Mount Monitors is uniquely designed to satisfy the needs of system integrators or VARs with fully-integrated, waterproof and dustproof that combine high-performance different touch screen technologies in industrial-grade TFT-LCD flat panels, with sleek, IP65 / NEMA 4-4 x Ingress rating flat front surface industrial design. ITD industrial panel mount monitors provide reliability, durability, and long expected product life. Impervious to environmental conditions such as liquid spills, splashes and wash-downs, these screens are the most contamination-resistant units available in the market. ITD industrial IP65/ NEMA 4 touch display are designed for process control, food processing equipment, machine control, man-machine interface, automation equipment, medical equipment, and in-vehicle use applications.

Main Features

- All steel construction and brushed aluminum front bezel designed for harsh and industrial environments
- Optional IP65 (Ingress Protection) front provides protection against ingress of dusts and water projected from front direction.
- Accuracy in high-use applications
- Delivers drift-free operation for a lifetime min. of 35 million finger touches
- Optional panel with ultra high brightness, along option with auto-dimming sensor offers energy saving for outdoor or semi-outdoor sunlight readable application
- Chassis and VESA mount display, easy-to-install
- Supports Windows, Linux, Android, Raspberry Pi, Mac operating systems

Technical Specification

LCD Type	Active matrix TFT-LCD
Size	5.7~82inch
Brightness	250nits~3000nits optional
Working Temperature	0°C~50°C; -20°C~70°C optional
Storage Temperature	Storage Temp: -30°C~70°C
Working Humidity	20%~80%
Storage Humidity	10%~90%
MTBF	50000 H
LCD Backlight Life	50000 H
Mounting	VESA 75mm and 100mm; Panel Mounting Clamps/Clips
Touch Panel	Resistive, IR, SAW, and PCAP optional
Touch Interface	USB or RS232
Video Input	VGA/DVI/HDMI/AV
Power Supply	Internal or External Power Supply: 100~240V AC, 12V DC
Certificate	CE, FCC, RoHS
Warranty	1 year or more years optional

Rack Mount Monitor



Rack Mount Monitor

Rack Mount Monitor

ITD Rack Mount Monitor is fully-integrated, off-the-shelf units that combine high-performance 5 wires resistive touch technology, in industrial-grade LCD flat panels, with sleek and flush mount front surface industrial design. It provides reliability, durability, and long expected product life. With modularize mechanical design, our Rack Mount LCD Monitor provides industrial or commercial users with crystal clear picture quality. The all steel enclosures are rugged in design and fit perfectly into any rack enclosures. It is space saving for your compact environment rack.

Main Features

- All steel construction and brushed aluminum front bezel designed for harsh and industrial environments
- Optional IP65 (Ingress Protection) front provides protection against ingress of dusts and water projected from front direction.
- Accuracy in high-use applications
- Delivers drift-free operation for a lifetime min. of 35 million finger touches
- Optional panel with ultra high brightness, along option with auto-dimming sensor offers energy saving for outdoor or semi-outdoor sunlight readable application
- Rack/Flush mount, VESA 75/100mm, easy-to-install
- Supports Windows, Linux, Android, Raspberry Pi, Mac operating systems

Technical Specification

Design	Rugged steel or alloy front bezel, steel housing
LCD Type	Active matrix TFT-LCD
Size	15, 17 and 19inch
Brightness	250nits~1500nits optional
Working Temperature	0°C~50°C; -20°C~70°C optional
Storage Temperature	Storage Temp: -30°C~70°C
Working Humidity	20%~80%
Storage Humidity	10%~90%
MTBF	50000 hours
LCD Backlight Life	50000 hours
Touch Panel	5- Wires Resistive
Touch Interface	USB or RS232
Video Input	VGA/DVI/HDMI/AV
Power Supply	Internal or External Power Supply: 100~240V AC, 12V DC
Certificate	CE, FCC, RoHS
Warranty	1 year or more years optional

PCAP Multi Touch Monitor



PCAP Multi Touch Monitor

PCAP Multi Touch Monitor

ITD industrial multi-touch monitors are fully-integrated that combine Projected Capacitive Touch (PCT or PCAP) Technology in sleek industrial-grade IP65 ingress rating TFT-LCD flat panels with bezel free open frame design. The sensor in projected capacitive touch allows tracking of TEN simultaneous touches, quickly and accurately across the entire screen. ITD industrial multi touch displays are accurate, responsive and easy-to-use, enabling migration of existing single touch applications to a gesture-based interface that creates and delivers popular user interactions such as pan, zoom and rotate. ITD open frame multi-touch displays are designed for kiosks, POI, high-end POS, banking, gaming, self-service terminals and OEM machinery applications.

Main Features

- Long lasting product cycle for continuity thru all phases of project rollouts and servicing
- Easy-to-install console, Open Frame chassis-mount display
- Slim dimensions enable better enclosure designs
- Multiple mounting options (100mm VESA mount and side brackets)
- All steel construction provides rugged frame for public use environments
- Optional panel with ultra high brightness, along option with auto-dimming sensor offers energy saving for outdoor or semi-outdoor sunlight readable application
- Ten independent touch points (with Windows 7/8, Android, Linux OS)
- Improved power efficiency and reduced consumption

Technical Specification

Design	True Flat Surface, IP65 front
LCD Type	Active matrix TFT-LCD
Size	7~55inch
Brightness	250nits~3000nits optional
Working Temperature	0°C~50°C; -20°C~70°C optional
Storage Temperature	Storage Temp: -30°C~70°C
Working Humidity	20%~80%
Storage Humidity	10%~90%
MTBF	50000 hours
LCD Backlight Life	50000 hours
Mounting	VESA 75mm and 100mm/Side Mounting/Desktop Stand
Touch Panel	Real Multi Touch up to 10Points, Projected Capacitive Touch Screen
Touch Interface	USB
Video Input	VGA/DVI/HDMI/AV
Power Supply	Internal or External Power Supply: 100~240V AC, 12V DC
Certificate	CE, FCC, RoHS
Warranty	1 year or more years optional

Panel PC

Indoor Interactive Digital Signage



Panel PC

Indoor Interactive Digital Signage

Panel PC

ITD industrial panel PCs and rugged panel computers are reliable, durable, and provide industrial OEMs and packaging machinery manufacturers with vast selection of industrial embedded computing technologies and solutions with fully integrated wide range of industrial-grade LCD flat screen sizes, touch screen interface, X86, NUC or ARM based comprehensive embedded processors and chipsets, low power consumption, fan-less design, scratch-resistant, and anti-reflective mineral glass screen capabilities, designed specifically for HMI display, visualization and control solutions. ITD provides Off-The-Shelf human machine interface solutions, including chassis panel PCs, panel mount panel PCs, PCAP panel PCs, full IP65/66 stainless steel/aluminum chassis panel computers, and open frame touch panel PCs for a wide variety of industrial applications like process manufacturing, discrete manufacturing, industrial automation, building automation, process control, machinery manufacturing, and custom machine to machine interface.

Main Features

- Available in various screen sizes, storage options, and performance packages
- Flexible, reliable, and ruggedized for open platform HMI/SCADA/M2M/PLC/IoT
- Ruggedized levels of NEMA 12, 4X, 4, IP52, IP54, IP65, IP66 ratings
- Highly Reliable Touchscreens and Long Lasting Displays
- Multiple structural designs, i.e. Open Frame, Panel Mount, Chassis, Bezel Free
- Optional panel with ultra high brightness, along option with auto-dimming sensor offers energy saving for outdoor or semi-outdoor sunlight readable application

Technical Specification

CPU	D2550, N2600, 1037U, J1900, I3, I5, I7 optional
Memory	1x SO-DIMM, DDR3 1333MHz Memory, 2GB, Max.8GB
HDD	16G, 32G, 64G, 128G, 240G SSD or 500G, 750G, 1TB HDD optional
Network (LAN)	10/100/1000 Mbps Ethernet, Built-in WIFI optional
LCD Type	Active matrix TFT-LCD
Size	6.5~82inch
Brightness	250nits~3000nits optional
Working Temperature	0°C~50°C; -20°C~70°C Optional
Storage Temperature	Storage Temp: -30°C~70°C
Working Humidity	20%~80%
Storage Humidity	10%~90%
MTBF	50000 hours
LCD Backlight Life	50000 hours
Touch Panel	Resistive, IR, SAW, and PCAP optional
Power Supply	Internal or External Power Supply: 100~240V AC, 12V DC
Certificate	CE, FCC, RoHS
Warranty	1 year or more years optional

Indoor Interactive Digital Signage

ITD Interactive digital signage, the emerging communication platform, can arouse customers' interests and keep them more involved. ITD IDS series media players support integrating with HID compliant touch panels, widening selection and hastening the deployment of interactive public display networks. Whether used for informational messaging, advertising, entertainment or architectural ambience, these digital signage displays can transform the experiences of shopping, working and socializing. Electronic displays in high-traffic areas are changing the face of our public spaces and the possibilities for digital signage are everywhere.

Main Features

- Robust display technologies provide integration and design flexibility
- Exceptional quality and long life cycle
- Delivers drift-free operation for a lifetime min. of 35 million finger touches
- Fashion and nice-looking designed for public environments
- Optional IP65 (Ingress Protection) front provides protection against ingress of dusts and water projected from front panel direction
- Optional panel with high brightness, along option with auto-dimming sensor offers energy saving for indoor strong artificial light
- Multiple structural designs, i.e. Wall Mounted with steel chassis or iPad-look, Floor-standing with vertical or horizontal displays

Technical Specification

Design	Floor Standing, Wall Mounted, Desktop
Configurations	Standalone Media Player, Network with Android or Windows
LCD Type	Active matrix TFT-LCD
Size	7~82inch
Working Temperature	-0°C~50°C
Storage Temperature	-20°C~60°C
Working Humidity	20%~80%
Storage Humidity	10%~90%
MTBF	50000 hours
LCD Backlight Life	50000 hours
Touch Panel	IR, Resistive, SAW, PCAP
Power Supply	Internal or External Power Supply: 100~240V AC, 12V DC
Certificate	CE, FCC, RoHS
Warranty	1 year or more years
Support O/S	Windows/Linux/Android



Full Outdoor All Weather Proof Sunlight Readable Displays



Indoor Interactive Digital Signage

Full Outdoor All Weather Proof Sunlight Readable Displays

ITD full outdoor all-weather proof sunlight readable displays including touch screen monitors or PC built-in developed to deliver and keep optimal environment for integrated electronics in any outdoor location directly exposed to sun. ITD outdoor touch displays excel in heat management; intelligent temperature control, and are immune to humidity and dust particle intrusion; result in optimal performance of the LCD panels, and have long life expectancy. It features standalone media player or different PC configurations with high brightness (1,500~3000 nits) and wide operating temperature range (-40°C to +55°C) LCD display system. The industrial air conditioner or intelligent fans-cooling circulation embedded in the ITD display system is powerful and does not allow outside air in-take, thereby securing display stability in extreme heat, as well as when the immediate environment experiences large temperature fluctuations. These are ideal for outdoor information kiosks and digital signage applications.

Main Features

- Widest operating temperature range, lowest fluctuation in internal display temperature, highest operating humidity level, vent-less design resulting into extended mean time between failures
- System stability and reliability in all outdoor environments, even in the most extreme conditions
- Optimal LCD performance, lower risk of critical LCD panel failures, and lower occurrence of simple maintenance activities
- Full IP65/IP66 galvanized steel enclosures with antirust & anti-corrosive
- Multiple structural designs, i.e. Wall Mounted, Floor-standing

Technical Specification

Product	Full Outdoor All weather proof Sunlight Readable LCD
Configurations	Monitor, Standalone Media Player, Android or Windows PC built-in
LCD Type	ActivematrixTFT-LCD
Size	21.5~82inch
WorkingTemperature	-40°C~55°C
StorageTemperature	-30°C~70°C
WorkingHumidity	5%~100%
StorageHumidity	5%~100%
MTBF	50000hours
LCDBacklightLife	50000hours
Touch Panel	IR, Touch Foil optional
PowerSupply	Internal or External Power Supply: 100~240V AC
Certificate	CE, FCC, RoHS
Warranty	1 year or more years
Support O/S	Windows/Linux/Android

Stretched Ultra Wide Bar LCD Monitor

ITD Stretched bar LCD Monitors are specially cut offering a super wide display format which offers an innovative and fresh approach to grab the public's attention. These bar displays products are available in a variety of sizes and aspect ratios, with sunlight readable options, open frame, chassis models.

Main Features

- Creative Cutting LCD
- Superior viewing angles, contrast ratio and brightness
- Verified Sizes available: 14.9", 15"(1/3 cut), 18.5"(1/3 cut), 19"(1/2 cut), 21.5"(1/3 cut), 26"(1/3 cut), 28", 28.8", 32"(1/3 cut), 42"(1/2 cut), etc.
- Optional panel with ultra high brightness, along option with auto-dimming sensor offers energy saving for outdoor or semi-outdoor sunlight readable application

Main Applications

Shopping Mall



Transportation



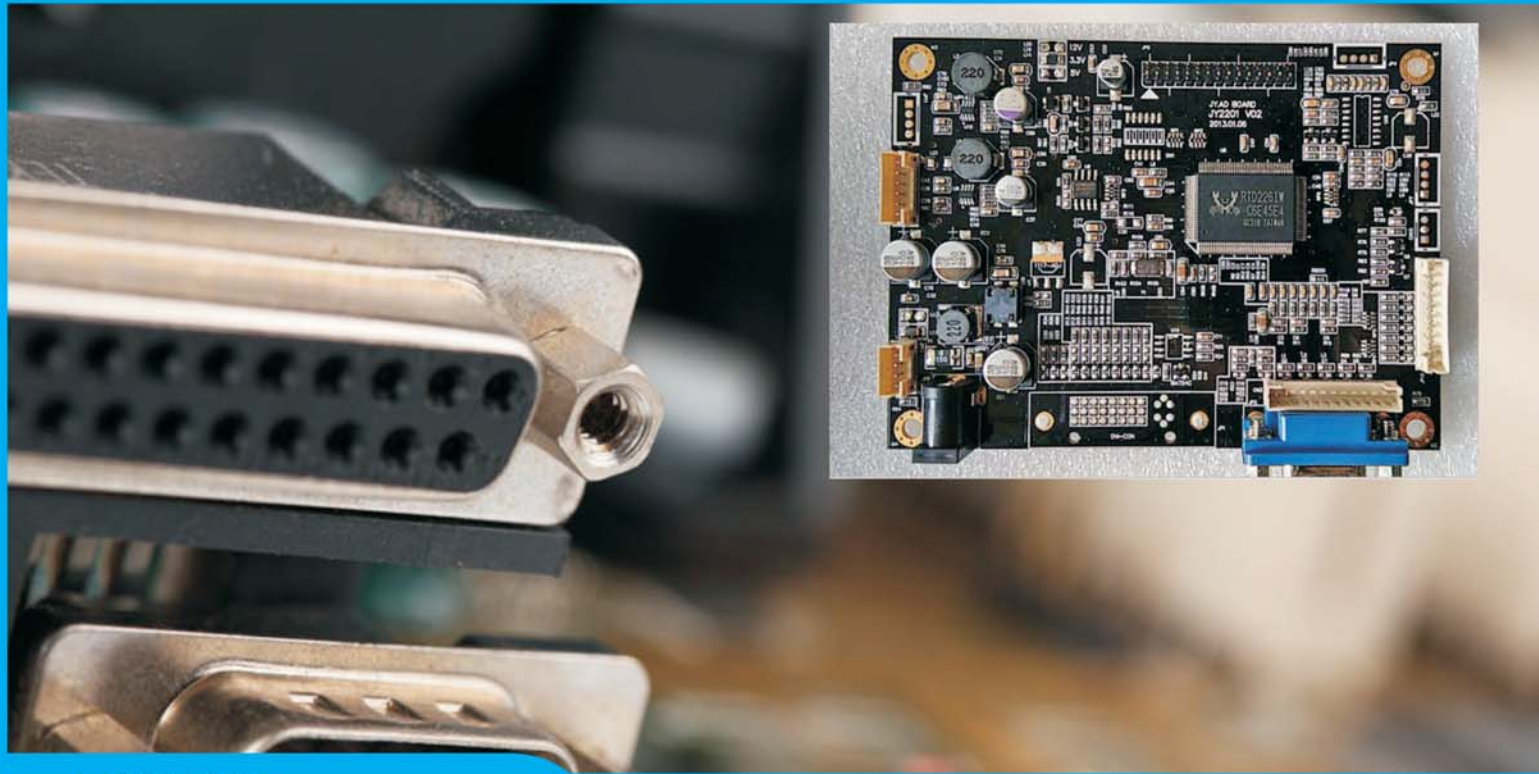
Retail



Slot Machine



LCD Kits



LCD Kits

LCD Kits

ITD LCD kits come with various sizes of industrial or commercial grade displays which is verified to work with all ITD embedded boards and systems. Supporting VGA and DVI as default and HDMI as optional interface and ITD industrial mini PCs, these LCD kits are perfect for industrial application. These series offers the most cost effective solution for industry and supports both indoor and outdoor application with High brightness solution.

Industrial Mini PC Main Features

- Intel Celeron Processor 1037U 1.8GHz or J1900 2.0GHz
- Various I/O: 2 x USB 3.0, 6 x USB 2.0, 2 x RJ-45 Port, 1 x VGA, 1 x HDMI, 4 x COM ports
- Mounting brackets for easy installation
- Designed specifically for industrial application
- Operational in extreme temperatures (-20 to 60 °C)
- Compact and rugged Aluminum housing
- Fan-less and high efficiency thermal design

TFT Panel Features

- Various sizes from 5.7 to 82 inches TFT panels with big brands like AUO, CMI, Samsung, LG, Sharp, Mitsubishi
- 230nits~3000nits optional with LED backlight, high reliability, low power consumption
- Optional touch screen bonded
- All related components provided like LVDS cable, LED driver board, Light Sensor, OSD board and other cables

Industrial LCD A/D Board Main Features

- VGA, DVI signal input, support separated line / field sync & composite sync
- 12V (+/-1V) DC power input, short-circuit protection
- Support PC audio input, 2*8W power output
- Wide Operating Temperature supported from -30°C to 80°C harsh environment
- LCD driving signal supports single pixel 8-bit / 6-bit and dual pixel 8-bit / 6-bit LVDS interface TFT LCD, max colors 16.7M
- 6-key / 5-key OSD (used more in VGA/DVI) control, content includes Brightness, Contrast Ratio, Phase, Clock, Picture position, OSD Position, OSD Language, Color Temperature, Volume, Factory Reset, etc



Monitor



Panel PC

