



ARBOR

Medical Computing



ARBOR





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About ARBOR



With more than 20 years experience in embedded computing, ARBOR continues to expand its expertise in industrial computing making ARBOR a leading supplier of computing platforms and solutions, which can be applied globally in the healthcare, transportation, industrial automation, warehouse management, and digital signage markets.



ARBOR features a wide range of embedded computing products engineered for operation in harsh environments and industrial use. Our modular designs and range of form factors allow our products to serve a variety of applications. Combined with turn-key solutions, progressive design capabilities and responsive manufacturing practices, ARBOR is absolutely your ideal partner to empower your smart business.



Global Sales Network

ARBOR is a global company with headquarters in Taiwan; R&D and manufacture sites in Taiwan and Shenzhen. ARBOR has an extensive worldwide sales network with offices in Taiwan, China, USA, Canada, France, Germany, South Korea, Singapore and Malaysia. These offices support our worldwide network of resellers, distributors and other partners. Our sales network, combined with ARBOR's state-of-the-art techniques and best practices in advanced embedded design, severe test & measurement capability and market experience, makes ARBOR the best partner to support your business growth.



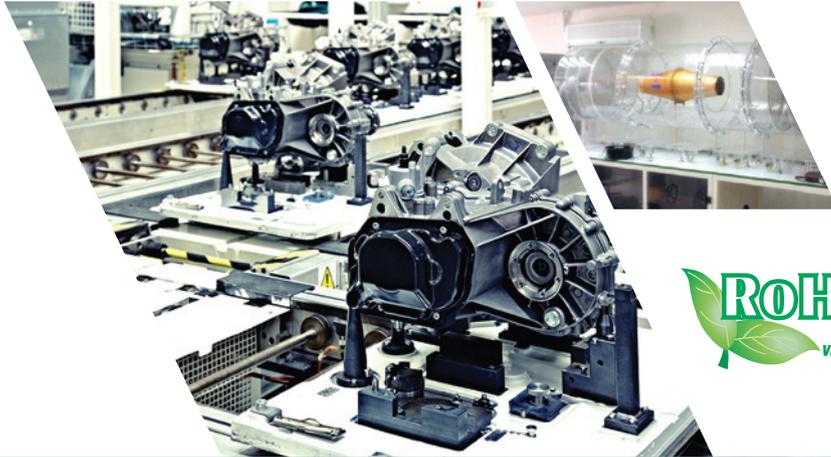


Core Competence

The core strength of ARBOR is the ability to provide tailor-made design, dedicated service and one-stop quality solutions to customers. These competencies ensure we meet customer needs and have a competitive advantage in the global marketplace. Coupled with full spectrum of IPC product lines, quick-turn customized capabilities and an efficient and flexible manufacturing process, ARBOR is able to quickly respond to the changing needs and expectations of our customers.

Achievements

ARBOR was awarded the Taiwan Symbol of Excellence Award, Best Choice Award and National Brand YuShan Award, symbolizing our efforts and achievements which are recognized throughout the world. ARBOR is listed on the Taiwan Stock Exchange as a publicly traded company since 2013 (stock code: 3594).



Intertek



Manufacturing Capability

ARBOR is ISO-9001, ISO-13485 and ISO-14001-certified and commits to deliver high quality products following international standards and well-defined production processes. As an experienced IPC manufacturer and solution provider, all of ARBOR's products are certified to specific regulations such as CE, FCC and e1, according to different market requirements. This provides customers with the assurance that ARBOR's products can satisfy many different industrial applications.



Intelligence Everywhere

Being dedicated to intelligent infrastructure, ARBOR knows what customers want and how to maximize their ROI. Starting with its IPC solutions for various applications, ARBOR leverages a versatile R&D capability in mobility, rugged-design and wide-temperature operation to build a smart solution for many industries, including transportation, e-healthcare, warehouse management, IoT, military and so on.



Turn-key Solutions

By offering many embedded computing products, ARBOR can tailor a standard turn-key solution to a specific application and requirement. ARBOR has a large, skilled and experienced team that is ready to help customers with quick time-to-market customized Turn-key solutions.



Long-term Services

With its major alliances, ARBOR is a trusted partner for customers. ARBOR is tied to the world's most recognized technological ecosystem. Through this ecosystem, ARBOR can offer the latest technology innovations and thereby speed your time to market. With ARBOR as your long term partner, you decrease development risk and increase the likelihood that your product will be released on time, on budget and with the anticipated cost. Further, ARBOR is uniquely positioned to deliver long term support to you and your customers with an effective supply chain system that allows for extended warranty and post warranty product service.

Product Advantages



Enhancing Success of e-Health Services

E-health is becoming more important in our aging society as the market seeks opportunities to improve the effectiveness of service delivery while lowering the costs of service. As a leading manufacturer of embedded computing, ARBOR introduced its first medical terminal in 2007. This was followed with a number of additional successful medical products. ARBOR continues to invest in leading edge technologies providing healthcare professionals and their patients with world class medical and e-health services.

Through the integration of mobile computing, touch screen technology, rugged designs tailored to healthcare environments and abundant expansion capability, ARBOR's medical product portfolio can decrease workloads while improving the quality of healthcare services delivered to patients.



Elegant and Ergonomically-designed Medical Systems

To deliver the highest quality and most efficient patient care with e-health/ medical services, ARBOR has been developing a broad series of medical computing products for a wide range of applications, including Mobile Clinical Assistant (MCA), Mobile Clinical Workstation (MCW), medical terminal, bedside infotainment and tele-care devices. Featuring features such as touch screens, anti-bacteria housing, ingress protection, multi-connections, mobility while complying with ISO 13485 & EN-60601 certifications, ARBOR's medical/e-health products are becoming the preferred choice among healthcare professionals who appreciate their elegant and ergonomic-designs.





Medical Computing

M1012



- Soldered onboard TI OMAP™ 4470 Cortex™-A9
- 10.1" LCD with 10-point Projected Capacitive Multi-Touch
- Applicable for bedside infotainment and medical thin-client
- IEC60601-1 (3rd edition), EN60601-1 (3rd edition), EN60601-1-2 certified
- UL60601-1 compliant
- Soldered onboard 1GB LPDDR2 memory
- 2.0 MP front-facing camera
- 75mm VESA-mount supported

M1042



- eHealthcare and Clinical Assistant Application
- Anti-bacterial Protection (Against Escherichia Coli & Staphylococcus Aureus)
- Soldered onboard Intel® Atom™ Processor N2800
- IEC60601-1 (3rd edition), EN60601-1 (3rd edition), EN60601-1-2 certified
- UL60601-1 compliant
- Redundant Battery (Internal + Hot-swappable External Battery)
w/ Long Battery Life (6.5 hrs Max.)
- Slim Appearance - Ultra-light Weight (1.3kg) and Ultra-slim (26mm)
Slip-free Grip for Easy Handling
- 2D Barcode Scanner, 2.0 Megapixels Camera, RFID Reader

M1858



- Applicable for Bedside Infotainment, Self-registration
- Fanless Operating with Intel® Atom™ Processor N2800
- IEC60601-1 (3rd edition), EN60601-1 (3rd edition), EN60601-1-2 certified
- UL60601-1 compliant
- Ventless Design, Water-proof, Dust Resistant
- Privacy Cover on Camera
- Patient Identification Through Integrated RFID & NFC, Barcode Scanner and Dual Smart Card Readers
- Intel® SSD Compatible

M1858C



- Flush Front Bezel ID Design
- 18.5" LCD with 10-point Projected Capacitive Multi-Touch
- Applicable for Bedside Infotainment, Self-registration
- Fanless Operating with Intel® Atom™ Processor N2800
- IEC60601-1 (3rd edition), EN60601-1 (3rd edition), EN60601-1-2 certified
- UL60601-1 compliant
- Ventless Design, Water-proof, Dust Resistant
- Patient Identification Through Integrated RFID & NFC, Barcode Scanner and Smart Card Reader
- Flush-mounted projected capacitive multi-touch screen
- Intel® SSD Compatible

M1920



- Fanless Design
- Applicable for Clinical Station, Nursing and PACS
- Soldered Onboard 2nd Generation Intel® Core™ i7-2610UE or Celeron® Processor 827E
- 19 inch LCD with Resistive Touch
- IEC60601-1 (3rd edition), EN60601-1 (3rd edition), EN60601-1-2 certified, UL60601-1 compliant
- Streamline Appearance - 59mm in Thickness
- Multi-connectivity (Bluetooth, WLAN and GbE)
- RFID & NFC Reader, 5.0 Megapixel Camera, Dual Smart Card Readers, and Slim DVD-RW
- Optional Alternative of External Battery or PCIe x16 Expansion Box
- Isolated Serial Ports, USB and LAN Ports
- Multi-expansion (3 x RS-232, 5 x USB, 2 x LAN, 1 x DisplayPort and 1 x SD Card)

M1922



- Fanless Design
- Applicable for Clinical Station, Nursing and PACS
- Soldered Onboard 4th Generation Intel® Core™ i5-4402E / i5-4422E
- 19 inch LCD with Resistive Touch
- IEC60601-1 (3rd edition), EN60601-1 (3rd edition), EN60601-1-2 certified, UL60601-1 compliant
- Streamline Appearance - 59mm in Thickness
- Multi-connectivity (Bluetooth, WLAN and GbE)
- RFID & NFC Reader, 5.0 Megapixel Camera, Dual Smart Card Readers, and Slim DVD-RW
- Optional Alternative of External Battery or PCIe x16 Expansion Box
- Isolated Serial Ports, USB and LAN Ports
- Multi-expansion (3 x RS-232, 5 x USB, 2 x LAN, 1 x DisplayPort and 1 x SD Card)

M2150



- Intel® 4th Generation Core™ i5-4402E / i5-4422E
- 21.5" LCD with 10-point Capacitive Multi-Touch
- Fanless and Easy-to-clean, Stylish Flush Front Bezel with Slim Borders
- Applicable for Clinical Station, Nursing Care and PACS
- IEC60601-1 (3rd edition), EN60601-1 (3rd edition), EN60601-1-2 certified, UL60601-1 compliant
- Multiple Connectivity via Bluetooth, WLAN and GbE
- 5.0 MP Front-Facing Camera for Video Conferencing
- System Security & Access Control via RFID & NFC Reader & Dual Smart Card Readers
- Isolated Serial Port, USB and LAN Ports
- Multiple I/O Ports (1x RS-232/485, 4x USB 3.0 and 1x DP)
- Programmable Capacitive Function Keys



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