NTX Embedded

Trust One Team

About NTX Embedded

The Versatile Embedded HMI Platform

NTX Embedded is a trusted leader in designing and manufacturing customized HMI platforms tailored to meet specific needs. We specialize in providing cutting-edge solutions that seamlessly combine advanced technology with innovative design, ensuring exceptional reliability, performance, and user satisfaction.

User-Centered Design
Intuitive interfaces ensure ease of use and operational efficiency.

Enginner Design
Our expertise ensures every motor and controller is custom-built in our manufacturing facility to meet customer needs.

Rigorous Testing
Products are thoroughly tested for performance and durability in extreme conditions.

Spada Collection

The Spada Collection is a versatile embedded HMI platform designed for modular customization to fit your unique needs. It delivers real-time data management, high-definition displays, seamless connectivity, and advanced integration tailored to your applications.

✔ **Scalable Solutions**
Compatible with 5" to 15.6" displays with up to 1080p resolutions and brightness up to 1000 nits, perfect for any industrial need.

✔ **Robust Connectivity**
Features Ethernet, Bluetooth, Wi-Fi, USB, and industrial-standard ports (I2C, SPI, RS232/485) for seamless system integration.

✔ **Precision Tailoring**
Fully customizable with a modular design to integrate motion sensors, microphones, and other add-ons specific to your industrial needs.

✔ **Unmatched Durability**
Built to withstand extreme temperatures, humidity, and heavy-duty usage, ensuring long-term reliability in demanding environments.

SPADA ADVANCE HMI SYSTEM

Built to Fit Your Exact Needs

Spada is built for your business, offering modular flexibility to adapt to your unique needs. From customizable screen sizes to advanced sensors like motion detectors and microphones, Spada enhances efficiency, user experience, and industrial operations seamlessly.

Why Customization Matters

✔ **Efficiency:** Tailoring features mean faster, reliable operations.

✔ **Scalability:** Spada grows with your business, meeting current and future demands.

✔ **Optimized Investment:** Invest in a solution designed specifically for your needs, reducing downtime and increasing ROI.

Screen Sizes

5" to 15.6" with up to 1080p resolution and brightness up to 1000 nits.

Processor

Dual-Core ARM Cortex-A55 1.2GHz with Mali-G31 GPU.

Power Supply

Supports 12V–24V inputs with advanced protection features.

Durability

Operates in extreme environments (-20°C to +70°C) with impact-resistant IK07 glass.

Audio Options

Integrated 5W amplifier with WAV/MP3 support.

Connectivity

Ethernet, Wi-Fi, Bluetooth LE 4.0, USB 2.0, and industrial-standard ports (I2C, SPI, RS232/485).

Why Choose NTX Embedded?

TX Embedded delivers tailored solutions with a proven track record of innovation and reliability. We ensure every Spada system is customized, tested, and optimized, offering end-to-end support and unmatched quality.

· **Collaborative Design:** Every system is customized to meet specific application needs.

· **Proven Reliability:** Rigorous testing ensures seamless performance and long-term success.

· **End-to-End Support:** Comprehensive service from development to deployment.