NTX Embedded
Trust One Team

About Us

With NTX Embedded as your trusted partner, you're not just getting a product, you're forging a collaborative partnership. We stand by you through every step of the design process and product lifecycle, ensuring your vision blossoms from concept to deployment and beyond. With our team, every facet of your project receives the dedicated attention and expertise it deserves.

Custom Control Design

Specialized HMI & Software Design

Manufacturing & Supply Chain

The NTX Advantage

✔ In-house manufacturing infrastructure that reduces lead times and optimizes cost from design to production

✔ Flexible engagement to co-create solutions, accelerate development, and scale manufacturing with confidence

✔ An expert team of electrical, embedded software, and UX/UI design experts for high-performance systems

✔ Proven design knowledge to meet global safety, EMC requirements, and environmental standards across industries

✔ Reliable partnership with a locally headquarted team and a proven track record of success

---

OCTOLUX® HMI TOUCH PANELS

Engineered Performance, Tailored Excellence

Octolux is an industrial-grade Human Machine Interface (HMI) touch panel designed to excel in the most demanding environments. Whether you need a ready-to-use off-the-shelf solution or a fully customized configuration, Octolux delivers reliability, quality, and cost-effectiveness. Engineered for long-term performance, Octolux helps you visualize, control, and optimize your systems with confidence.

Why Choose Octolux

✔ Accelerated Path to Market: Tested and backed by proven performance

✔ Rapid Customization: Optimized design with configurable glass, brightness, I/O, and ruggedness, tailored to your needs and budget

✔ Reliable Supply Chain: Consistent availability through a robust supply chain

AI-Capable

Enables businesses to use predictive analytics, automate repetitive tasks, and enhance operation

Customizable Touch Screens

Ruggedized, high-temp rated, daylight-readable, capacitive touch displays that work anywhere

IoT

Enables seamless communication between people, processes, and physical objects

GENERAL SPECS

Power Input	12-24VDC
Processor	Dual Core 1.2Ghz Cortex-A53
Flash	Up to 8GB eMMC
RAM	Up to 2GB DDR4
Display	Wide-Viewing Angle IPS TFT
GPU	ARM Mali-G31
Touch Screen	High-Impact Strength
Display Brightness	350-1300 Nits
RTC & Battery	Included
Regulatory Compliance	UL/CSA
Ethernet	10/100/1000

I/O & CONNECTORS

USB X2

Serial RS485/RS232

H.264 Video In

Audio

Microphone Connector

Wireless connectivity options (BT, Wi-Fi, LTE)

Micro SD Card Slot

NTX Embedded
2423 Welwood Dr,
Carrollton, TX 75010

Contact Us Today

+1 (972) 394- 1444
sales@ntxembedded.com