

### Revolutionizes Digital Transformation

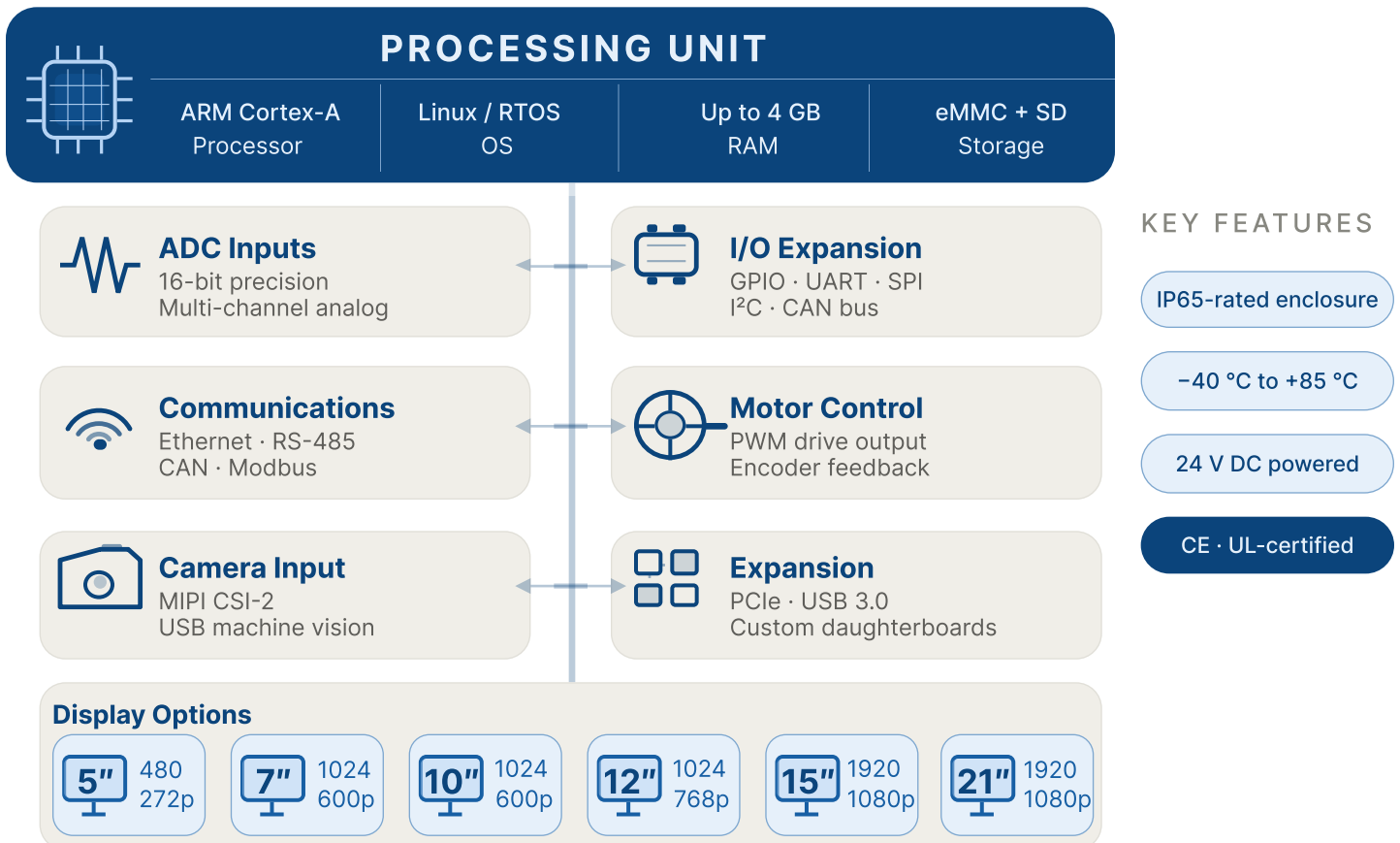
Octolux® RDS (Rapid Development System) delivers a comprehensive development platform that allows teams to rapidly prototype and productize embedded systems that require AI, process control, immersive UX/UI design, and fast market entry.

Octolux reduces development time by up to 73% and is accompanied by NTX's decades of experience in delivering rugged, world-class, and intelligent HMI systems into demanding environments, giving teams the confidence to execute and launch successfully.



### What is Octolux RDS?

Octolux RDS centers time to market at the forefront of the development process. By combining hardware, firmware, and NTX's support services, Octolux RDS delivers a single, cohesive solution. Octolux RDS platform utilizes NTX's HMI touchscreen solutions and a library of modular building blocks to create a single destination for digital transformation. The modular design enables interfacing, communication, measurement, monitoring, and analysis across diverse embedded systems, all supported by comprehensive, in-house firmware development.

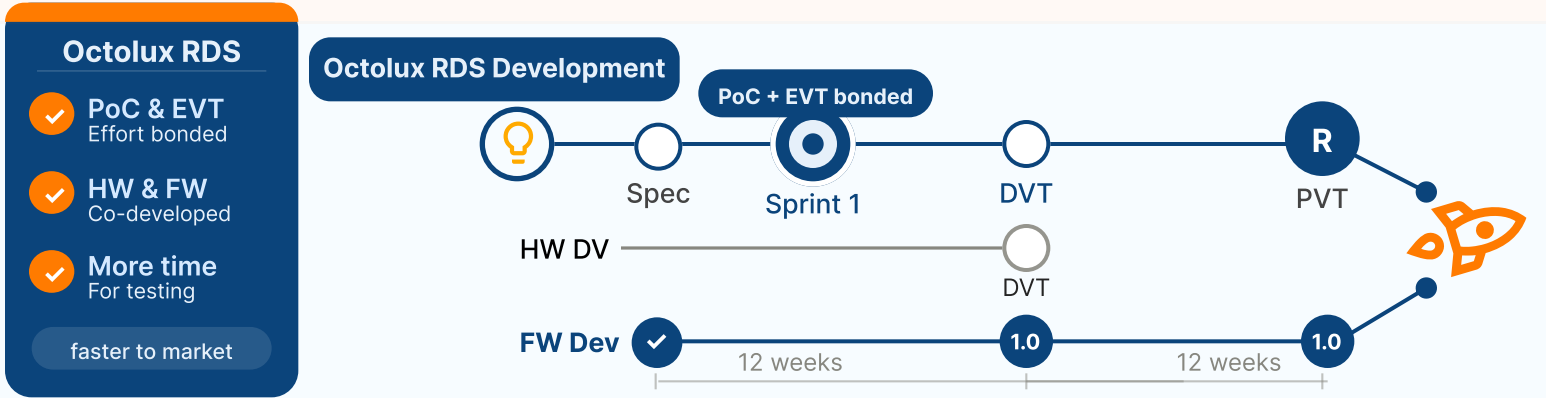
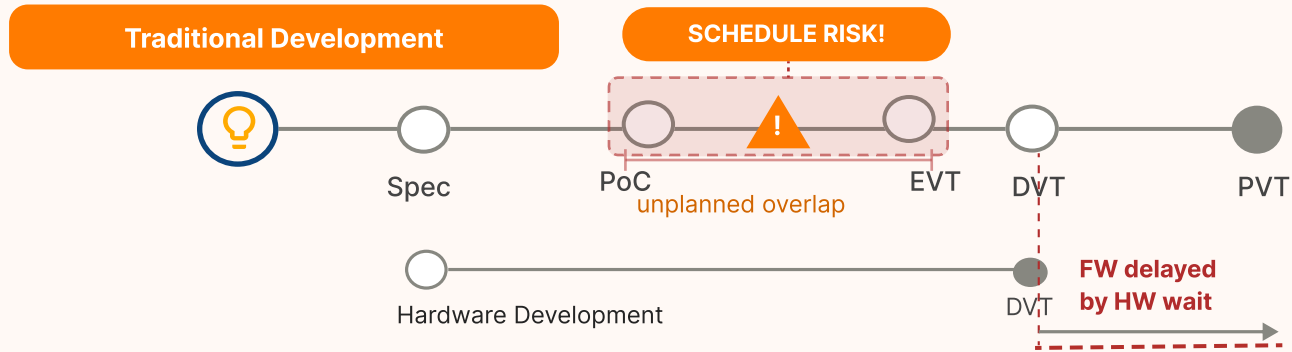


# Octolux RDS

## FasTrax to Production

### Ideate · Prototype · Validate · Launch

NTX provides customers enduring support throughout the entire journey by validating ideas, verifying prototypes, and sustaining production.



### Compact & Modular

Ever-growing library of expansion modules for all embedded system functions

### AI-Ready Platform

Edge AI functions with dual-core processor and hardware acceleration

### FasTrax to Production

Ideate, prototype, and validate in one step — NTX is with you throughout

### Energy Efficient

Optimized firmware architecture for low-power industrial deployments

### High-Speed Performance

Motor control up to 7,000 RPM with BLDC module integration

### Key Specifications

System Voltage	12 – 24 VDC
Processor	Dual Core 1.2 GHz
Memory	8GB eMMC / 4GB DDR
Display	IPS TFT, 500–1000 Nits
GPU	ARM Mali-G31
Environmental	IP54-rated modules
Regulatory	UL / CSA
Speed Range	700 – 7,000 RPM

\*Relevant standards: IEC60034-1, UL1004-1, UL1004-3, IEC60068-2-78, IEC Grade A, NEMA MG1, ISO21940-11

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