RNK BASTION 22

ZONE 1 HMI

SPECIFICATION SHEET

MADE IN CANADA



RUGGED PERFORMANCE. NEXT-GENERATION COMPUTING

Powered by a 14th Gen Intel® Core™ Ultra 7 processor and engineered for operation in temperatures from -40°C to +60°C, the RNK Bastion 22 delivers exceptional performance and reliability in the world's most demanding environments.

LIGHTWEIGHT, NON-ENCAPSULATED DESIGN

At just 24.5kg (54lbs), the RNK Bastion 22 features a unique non-encapsulated design that reduces weight without compromising durability, making it one of the lightest Zone 1 HMIs in its class.

ENHANCED PERFORMANCE & VISUAL CLARITY

Support for up to 32GB of RAM, 4TB of SSD storage, and a 22-inch Full HD (1920 × 1080) display ensures responsive performance, ample data capacity, and sharp visual detail for mission-critical operations.

contact@acuraembedded.com

+1 604 502 9666

Unit 101 - 17825 64 Ave
Surrey, BC Canada V3S 1Z3

13656 Breton Ridge,
Houston, Texas, 77070 USA

XL House, Blackburn Business Park, Woodburn Road, Blackburn, Aberdeenshire, AB21 0PS UK

Office #11, Mussafah M25, Saudi Kitchen Bldg, Abu Dhabi. UAE

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SYSTEM	
Display	21.5" LED Backlit LCD | 1920x1080 (16:9) | 500NITS | Projected Capacitive Multitouch
Processor	14th Gen Intel® Core™ Ultra 7 165U
Storage	Up to 4TB M.2 NVMe SSD
Memory	16GB | 32GB
Power Input	110-240V AC
Operating System	Windows 10 IoT | 11 IoT | 11 Pro | Linux

I/O*	
LAN	1x RJ45 GBE
USB	2x USB 3.0
Wireless	WiFi 6E | Bluetooth | Optional 4G / 5G / LTE

**Contact us about custom board integration and I/O configuration*

ENVIRONMENTAL	
Operating Temp	-40°C to +60°C (-40°F to+140°F)
Storage Temp	-40°C to +70°C (-40°F to+158°F)
Relative Humidity	< 95% non-condensing
Ingress Protection	IP66 - All Sides
Certifications	CSA, UL, CE, FCC, RoHS
Hazloc Certifications	Class 1, Zone 1

MECHANICAL	
Mounting	Chain, VESA support
Weight	24.5kg (54lbs)
Dimensions	614.6mm x 410.6mm x 93.8mm (24.20" x 16.17" x 3.69")
Construction	Aluminum alloy

BUMPER TO BUMPER

3 YEAR PRODUCT WARRANTY

Although our systems are built for extreme environments and outcomes, they can still be damaged. We understand accidents happen on the field and are here to ensure the reduction of your operational downtime.

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