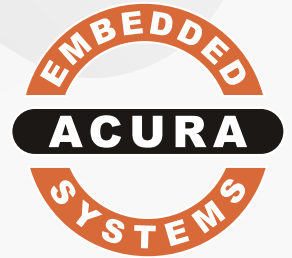


# RNK BASTION

## ZONE 1 OFFSHORE RIG HMI



**The Most Powerful, Lightest-Weight Zone 1 Certified HazLoc HMI in the World.**



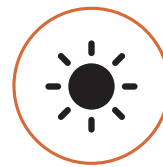
**-40°C TO +60°C  
OPERATIONAL TEMP**



**LIGHTWEIGHT  
AVERAGE 28 LBS**



**CLASS 1 ZONE 1  
CERTIFIED**



**SUNLIGHT  
READABLE**



**WIRELESS  
CONNECTIVITY**

### **The Pinnacle of Zone 1 Rig Floor Computing**

Purpose built HazLoc Zone 1 and Division 1 certified RNK Bastion. Integrating advanced technology with unmatched rugged dependability and precision engineering. Our patented, lightweight aluminum alloy chassis with a non-encapsulated design boasts a total weight of less than 13kg/30lbs - almost half the weight of the competition.

### **Sunlight Readable Touchscreen Display**

Utilizing a 1000 NITS black ceramic, anti-glare sun-light readable capacitive touchscreen display; The RoughNeck Bastion's display is designed to deliver uncompromising performance and reliability when it matters most. Ensuring crystal-clear visibility even in direct sunlight while enhancing scratch resistance and durability.

### **Uncompromising Performance**

Power through anything. Retaining next-generation EX+ and military grade components from the RoughNeck series while featuring best-in-class Alder Lake Intel i5 or i7 processors, ultra-fast DDR5 RAM, and high-performance M.2 NVMe SSD storage, the RNK Bastion ensures seamless operational efficiency.

**HAZLOC CERTIFIED AND PROVEN**

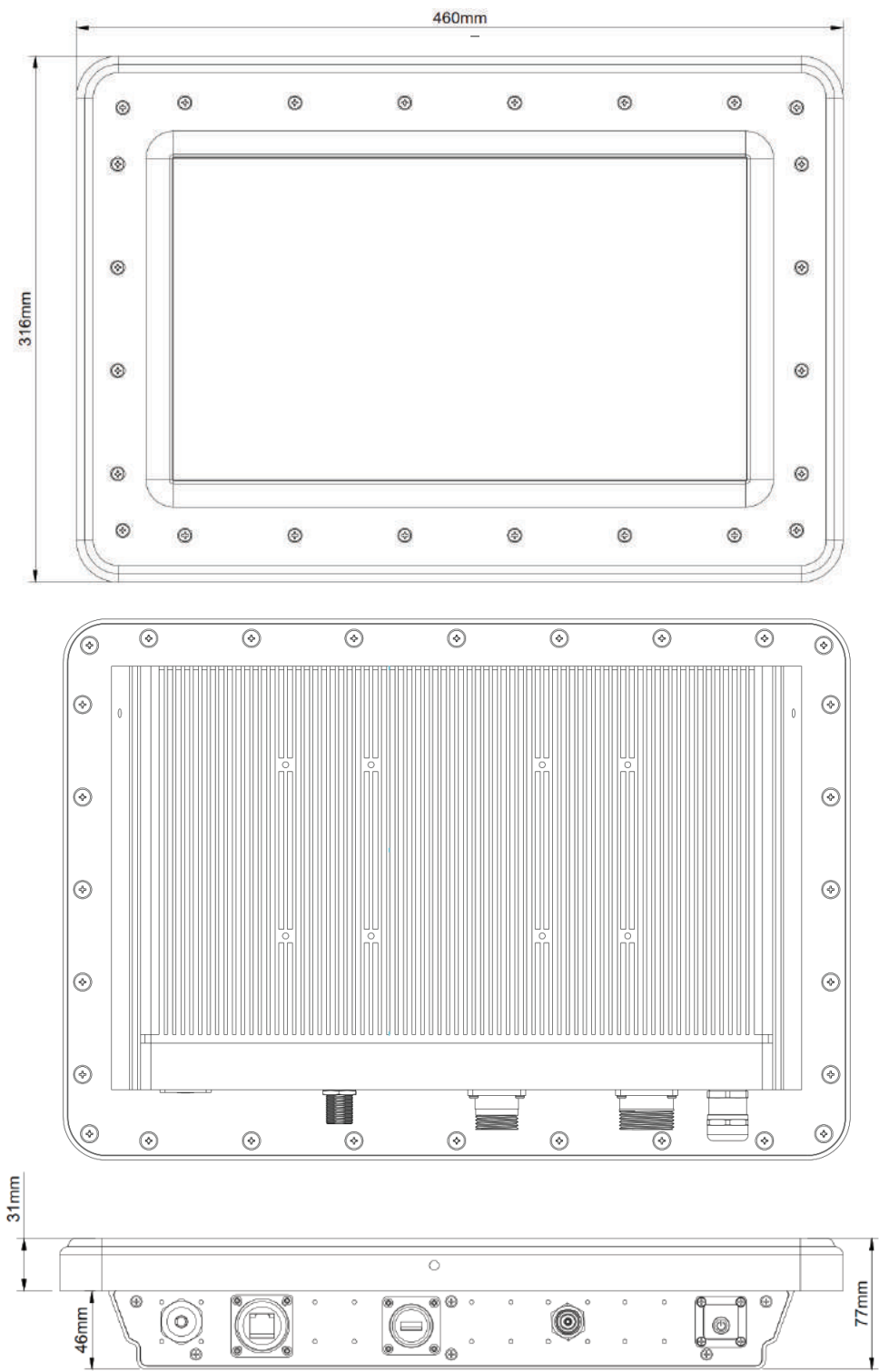


# RNK BASTION

## ZONE 1 OFFSHORE HMI



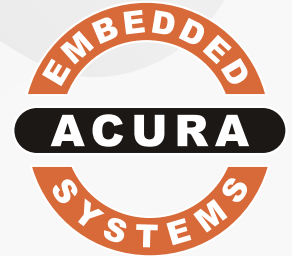
Note: Dimensions are in millimeters.



Note: I/O is customizable.

# RNK BASTION

## ZONE 1 OFFSHORE HMI



### FULLY CUSTOMIZABLE | PRODUCT SPECIFICATIONS

#### SYSTEM

SCREEN SIZE	15.6" LCD (16:9)
PROCESSOR	ALDER LAKE INTEL i5 OR i7
BRIGHTNESS	1000 NITS - HIGH BRIGHT
MEMORY	UP TO 64GB DDR5
RESOLUTION	1920X1080P (FULL HD)
TOUCH SCREEN	CAPACITIVE MULTI TOUCH
POWER INPUT	110-240V AC
OPERATING SYSTEM	WINDOWS OR LINUX
STORAGE	UP TO 4TB M.2 NVME SSD

#### I / O (CUSTOMIZABLE)

LAN	1x RJ45 PORT GBE
VIDEO	1x HDMI
USB	1x USB 3.0
WIFI	AX 210 WIFI 6E
CONNECTORS	EX+ / MIL-GRADE

#### ENVIRONMENTAL

OPERATING TEMP	-40°C TO 60°C (-40°F TO 140°F)
STORAGE TEMP	-40°C TO 60°C (-40°F TO 140°F)
RELATIVE HUMIDITY	<96% (NON CONDENSING)
CERTIFICATIONS	C1D1, ZONE 1, C1D2, ZONE 2 CSA / UL, ATEX, IECEX, CE,
IP RATING	FCC, INTL, UKCA
BODY	IP66 - ALL SIDES

#### MECHANICAL

MOUNTING	CHAIN, PANEL AND WALL VESA MOUNT 200 x 100 mm 100 x 100 mm 75 x 75 mm
WEIGHT	12.7 KG - 28.2 LBS
DIMENSIONS	18.1" x 12.4 x 3" 46 x 31.6 x 7.7 cm
CONSTRUCTION	ALUMINUM ANODIZED ALLOY FRAME

#### MODEL NUMBERS

ZONE 1 MDL# RNK-Z1-G1



3 YEAR  
BUMPER TO BUMPER  
PRODUCT WARRANTY

#### ACURA EMBEDDED SYSTEMS INC.

#101 - 17825 64 AVE, SURREY,  
BC - V3S 1Z3 CANADA

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