ACUBRITE - ACBRITE

SPECIFICATION SHEET

Version 1.3

IP65 Front Washable Industrial Monitor
Engineered in Canada for the World's Toughest Demands.

OVERVIEW:

Introducing the Acura **AcuBrite**, our certified industrial monitor, meticulously designed and manufactured in Canada to redefine rugged computing. Experience unmatched visibility with the AcuBrite's 1000 NITS high-bright capacitive touchscreen, designed for intuitive interaction without the need for a keyboard. Built for both outdoor and indoor settings, this monitor performs dependably even under extreme temperatures.

Versatile & Sturdy Mounting:
The AcuBrite is built to integrate effortlessly into any industrial environment, offering versatile mounting options such as panel and VESA mounts. Engineered with rugged durability, it delivers stable, reliable, and long-lasting performance in hazardous locations.

Extreme Temperature Ready:
Operates flawlessly across a wide temperature range from -40°C to +60°C, ensuring dependable performance in the harshest climates, from scorching deserts to freezing Canadian winters.

Compact & User-Friendly
Featuring a slim, lightweight build, the AcuBrite is engineered for effortless handling, seamless integration, and quick, hassle-free installation. This makes it the go-to solution for demanding industrial environments where durability, and mobility are critically important.

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SYSTEM

Display	LED Backlit LCD 1000 NITS (Adjustable) Available in 16:9 or 4:3 Aspect Ratio Projected Capacitive Multitouch (10 point) Optional Resistive Touch (4:3 Only)
View Angle	89 / 89 / 89 / 89 (L / R / U / D)
Colour	CHROMA: 16.7M
Contrast	1000 : 1
Response Time	6.5 ms
Power Consum.	20W
Power Input	100-240V AC

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
Certifications	CSA, UL, FCC, UKCA
Ingress Protection	IP65 - Front Panel
HazLoc Certifications	ATEX, C1D2, C1Z2

MODEL NUMBERS

Standard	ACBRITE
HazLoc	ABZ2

I / O

Video	1 x HDMI, 1 x VGA
USB	1 x USB Type B Touch
Audio	1 x 3.5mm Audio Jack Built-in Speaker

MECHANICAL (based on 15.6")

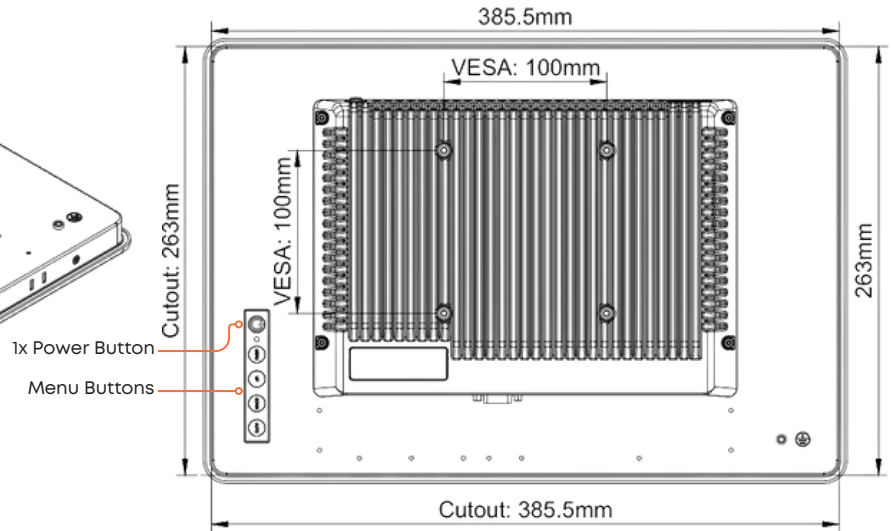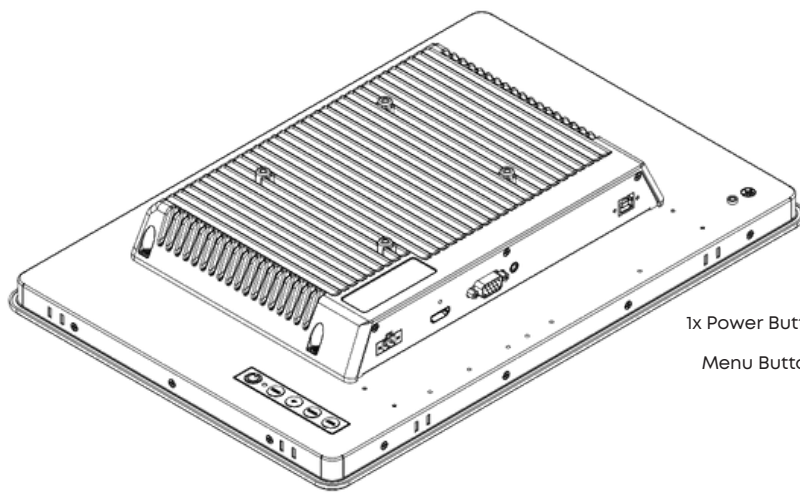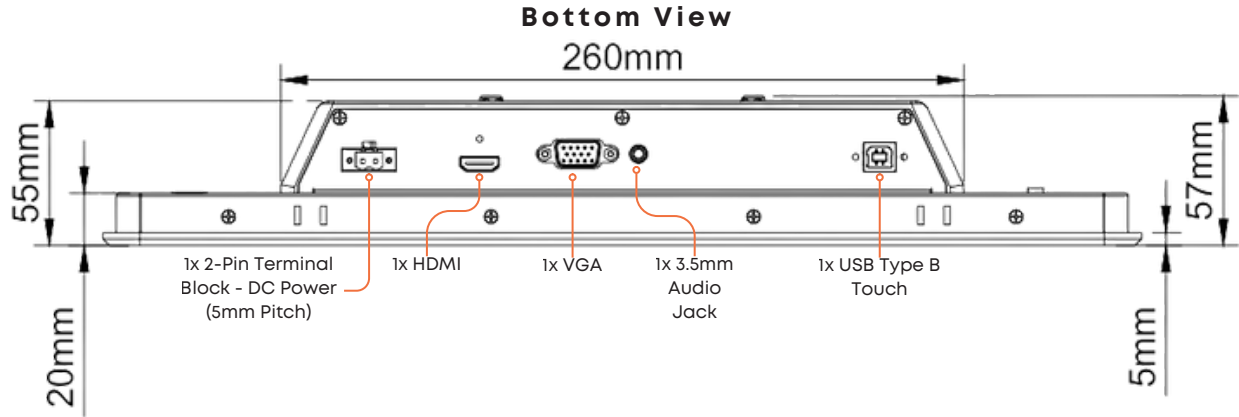|	
Mounting	Panel and VESA Support
Weight	3.4 kg (7.5lbs)
Dimensions (W x H x D)	386mm X 263mm X 57mm 15.3" x 9.8" x 2.2"
Construction	Aluminum Alloy

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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Bottom View

1x 2-Pin Terminal Block - DC Power (5mm Pitch)

1x HDMI

1x VGA

1x 3.5mm Audio Jack

1x USB Type B Touch

1x Power Button

Menu Buttons

DISPLAY SIZE:	DIMENSIONS: (W x H x D)	RATIO:	RESOLUTION:	WEIGHT:
10.1"	279 x 213 x 55	16:10	1920 x 1080	2.0 kg - 4.4 lbs
10.4"	272 x 216 x 55	4:3	1024 x 768	1.9 kg - 4.1 lbs
12"	315 x 246 x 55	4:3	1024 x 768	3.0 kg - 6.6 lbs
12"	297 x 239 x 55	16:9	1920 x 1080	2.2 kg - 4.9 lbs
13"	343 x 236 x 55	16:9	1920 x 1080	3.0 kg - 6.6 lbs
15"	372 x 314 x 55	4:3	1024 x 768	3.1 kg - 6.8 lbs
15.6"	396 x 273 x 55	16:9	1920 x 1080	2.9 kg - 6.4 lbs
17"	402 x 357 x 55	4:3	1024 x 768	3.9 kg - 8.6 lbs
17.3"	437 x 267 x 55	16:9	1920 x 1080	3.8 kg - 8.4 lbs
18.5"	465 x 309 x 55	16:9	1920 x 1080	5.0 kg - 11.0 lbs
19"	438 x 385 x 55	4:3	1280 x 1024	4.3 kg - 9.5 lbs
21.5"	532 x 350 x 55	16:9	1920 x 1080	8.5 kg - 18.7 lbs
24"	584 x 378 x 55	16:9	1920 x 1080	6.8 kg - 15.0 lbs
32"	749 x 447 x 55	16:9	1920 x 1080	11.0 kg - 24.3 lbs

Note: Dimensions are in millimeters.

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