PowerBrick-Mini
Industrial Hazloc Computers

EMBEDDED ACURA SYSTEMS

Compact Power, Certified Performance

Engineered for Reliability in Hazardous Industrial Applications

Certified Fanless Computer

Reliable Wireless Connectivity

Triple HD Video Ports

Extreme Temperature Ready

Compact Power, Maximum Efficiency

PowerBrick Mini combines compact design with robust functionality, making it ideal for space-constrained environments. Its fanless architecture ensures silent, efficient, and reliable operation, even in the most demanding industrial applications.

Certified for Hazardous Operations

Engineered for extreme conditions, PowerBrick Mini is certified for hazardous industrial environments. With its triple HD video input ports, reliable wireless connectivity, and resilience to extreme temperatures, it delivers dependable performance where it's needed most.
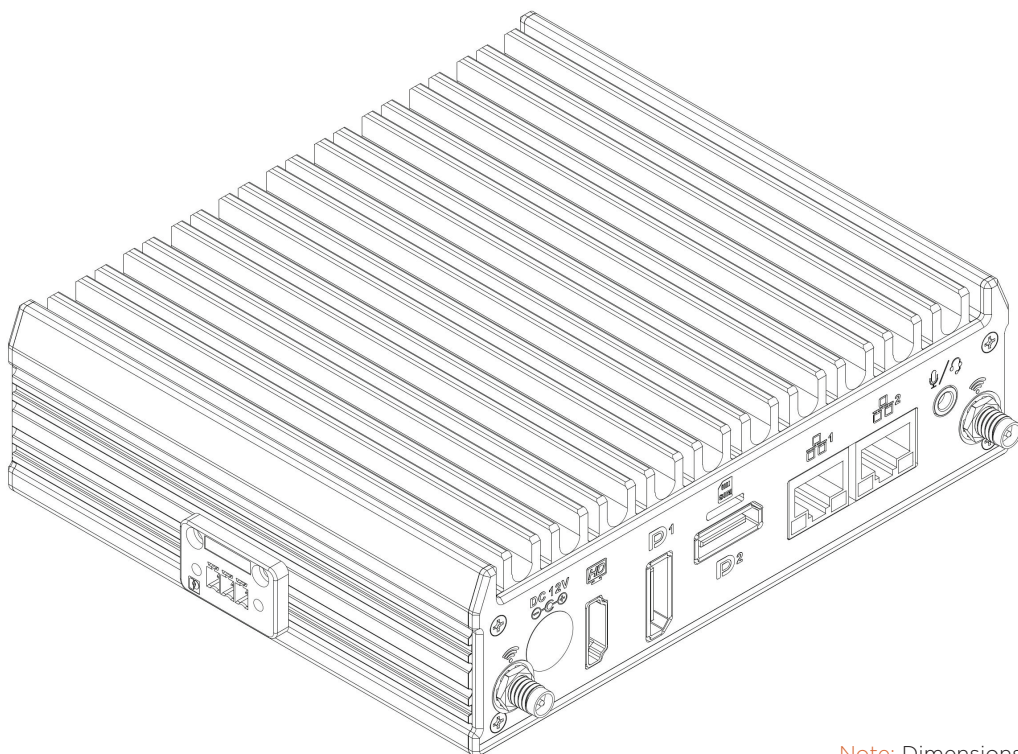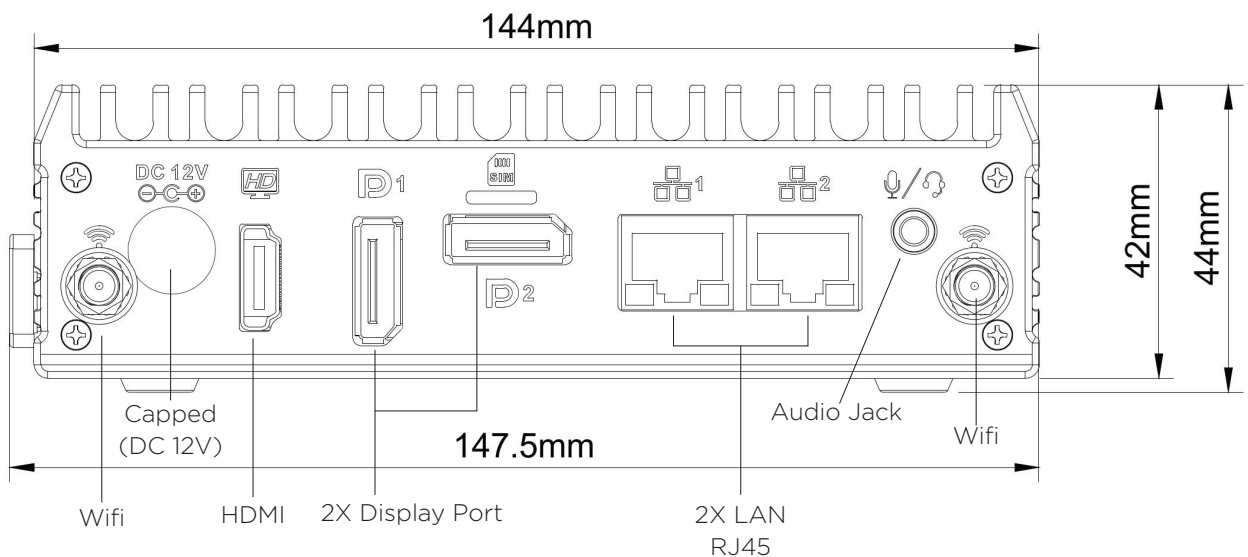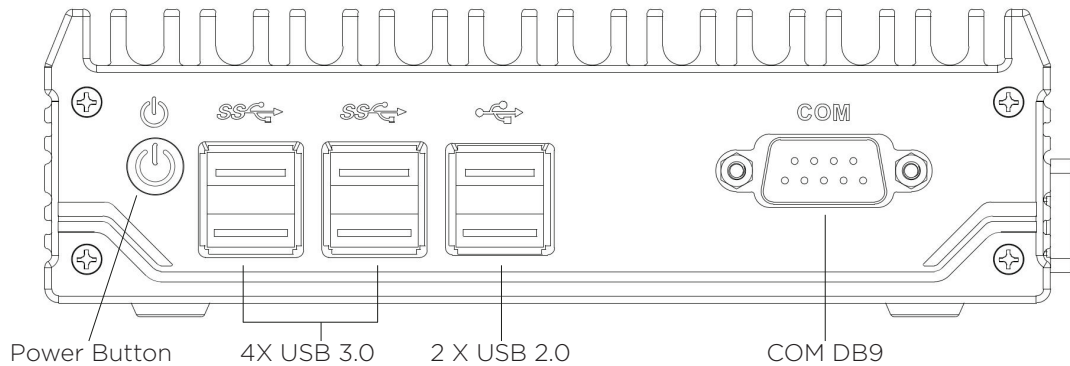
Built for Seamless Integration

Designed with versatility in mind, PowerBrick Mini supports multiple mounting options, including DIN rail, wall and VESA mounts. Its lightweight yet durable design ensures quick installation and consistent reliability, making it a trusted solution for complex industrial setups.

HAZLOC CERTIFIED AND PROVEN

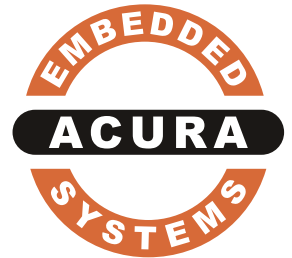C1Z2   ATEX   c(UL)us   c INL us   CE   FC

PowerBrick-Mini

Industrial Hazloc Computers

Power Button

4X USB 3.0

2 X USB 2.0

COM DB9

COM

SS←→

SS←→

←→

144mm

42mm

44mm

DC 12V

HD

P1

SIM

1

2

P2

Capped
(DC 12V)

Audio Jack

Wifi

147.5mm

Wifi

HDMI

2X Display Port

2X LAN
RJ45

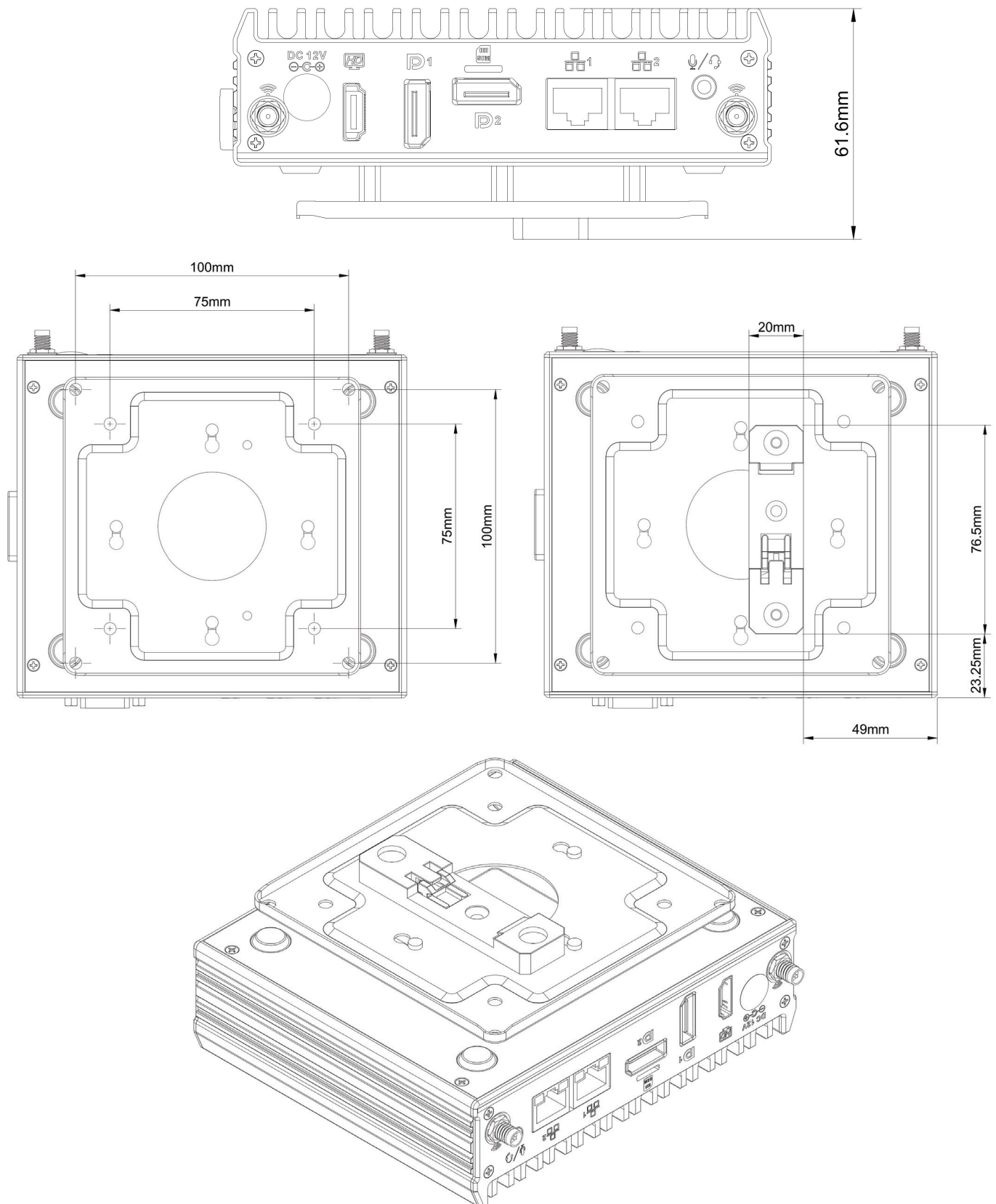
Note: Dimensions are in millimeters.

PowerBrick-Mini

Industrial Hazloc
Computers

With VESA Extension and DIN Rail Attachment

61.6mm

100mm
75mm
75mm
100mm

20mm
76.5mm
23.25mm
49mm

PowerBrick-Mini
Industrial Hazloc Computers

ACURA EMBEDDED SYSTEMS
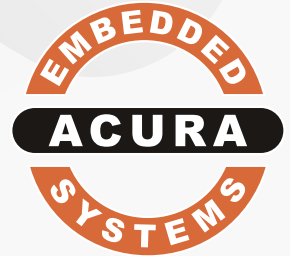
PRODUCT SPECIFICATIONS

SYSTEM

INTEL PROCESSOR	J4125 QUADCORE 2.0GHZ
STORAGE	SSD
MEMORY	UP TO 16 GB
OPERATING SYSTEM	WINDOWS OR LINUX
POWER INPUT	DC 12V OR DC 9-36V

ENVIRONMENTAL

OPERATING TEMP	-20ºC TO 60ºC (-4ºF TO 140ºF)
STORAGE TEMP	-40ºC TO 70ºC (-40ºF TO 158ºF)
RELATIVE HUMIDITY	<90% RH
CERTIFICATIONS	C1Z2, CULUS, ATEX, CE, FCC

MODEL NUMBERS

STANDARD	MDL # PBMINI01
CLASS 1 ZONE 2	MDL # M-PBMINI

I / O

SERIAL	1x RS232
VIDEO	1x HDMI, 2x DP
LAN	2x RJ45 GBE PORTS
USB	2x USB 2.0, 4x USB 3.0
WIRELESS	WIFI AND BLUETOOTH SUPPORTED, 4G LTE SIM SLOT
WIFI	802.11 AX 6E
AUDIO	LINE OUT
ANTENNA	2x PORTS AVAILABLE

MECHANICAL

MOUNTING	CUSTOMIZABLE DIN RAIL, WALL-MOUNT/VESA
WEIGHT	1.76 LBS (0.8 KG)
DIMENSIONS	5.6" x 4.9" x 1.6" 14.4 x 12.65 x 4.2 cm
CONSTRUCTION	ALUMINUM ALLOY

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3 YEAR
BUMPER TO BUMPER
PRODUCT WARRANTY