

# ALL WEATHER PORTABLE FLAT-PANEL PC

4823Cx

## Standard Features and Benefits

- NEMA 4X rugged aluminum enclosure with special UV tolerant paint finish designed with your harshest environments in mind.
- Class I, Division 2, Zone 2 NI, EExnA IIC T4, EXII36, complies with ATEX 94/9/EC, to ensure safety in your hazardous areas.
- Portable, weighing only 20 lbs, yet rugged and durable for harsh environments.
- Engineered to withstand high shock and vibration to survive your rig floor, ship, or truck mounted applications.
- Active matrix, LED Backlit 15.0" LCD panel with shatterproof pressure sensitive touch screen provide ultimate user interface in all lighting conditions.
- Aluminum fins for heat transfer and cooling.
- Low power 1.6 Intel® Atom™ processor allows a fanless design, fully configured with flash Solid State Hard Disk Drive, extensive list of I/O ports. This computer is designed to meet your demanding applications while operating at extreme ambient temperatures.
- Rugged Pressure Sensitive Touch Screen provides you with the ultimate operator interface.
- VESA mounting pattern give you the flexibility to choose the option that will best fit your mounting needs.
- Bluetooth, GPS, speakers, camera, microphone, WiFi antenna

Call for the latest SBC features.

## Options

- RAM and Solid State Hard Disk upgrades available.
- Battery and charger - 115 volts AC



**DAISY DATA**  
displays, inc.

# Specifications

## MATERIAL

Bezel .....	Aircraft Grade Aluminum
Viewpoint .....	Glass-on-Glass Resistive Touch Screen
Design .....	Portable
Enclosure .....	Aircraft Grade Aluminum

## PHYSICAL DIMENSIONS

15.0" Height (H <sub>1</sub> ) .....	14.78"
Height (H <sub>2</sub> ) .....	13.17"
Width .....	18.33" Width (W)
Depth .....	3.85" Depth (D)
15.0" View Height (VH) .....	9.11"
View Width (VW) .....	12.10"
Mounting .....	100 mm VESA Mounting Pattern
Weight .....	20 lbs

## ENVIRONMENT

Operating Temperature .....	-40° to +65°C (w/Heaters) <sup>1</sup>
	-20° to +65°C (w/o Heaters)
Storage Temperature .....	-20° to +75°C
Vibration .....	IEC68 2-6
Shock .....	IEC68 2-27

## ELECTRICAL

Voltage .....	120/220 VAC, 24VDC, or battery
Power .....	25 Watts

## DISPLAY SPECIFICATIONS

Size .....	15"
Resolution .....	1024x768
Color Depth .....	24 bit per pixel
Viewing Angle .....	80 x 80 x 80 x 60
Brightness .....	400 nits LED Backlit

## TOUCHSCREEN SPECIFICATIONS

Technology .....	Resistive
Mechanical .....	Glass-on-Glass

## CONNECTIONS<sup>2</sup>

Network .....	Sealed RJ-45 Connection
Power .....	Sealed Power Connection
USB .....	Sealed USB Connection (2)

## PC SPECIFICATIONS

Processor .....	1.6 GHz Intel® Atom™ Processor
Chipset .....	945GSE
System Memory .....	1 GB RAM (Up to 2 GB available)
Hard Drive .....	16 GB Compact Flash (Upgrade available)

1- Battery Powered Unit not available with heaters  
 2- Additional Configurations available  
 3- Call for ordering information

## ORDERING INFO

4823CA...	All-Weather 15.0" PC w/ AC Power Supply
4823CB...	All-Weather 15.0" PC w/ AC Charger and Battery Power
4823CD...	All-Weather 15.0" PC w/ DC Power Supply

## AVAILABLE OPTIONS/ACCESSORIES

451...	Capacitive Touch Screen	Nickel/Chrome Plating <sup>3</sup>
231...	Windows 7	Case/Accessory Options <sup>3</sup>
870...	Add 1GB (2GB total)	

