

# BIG BAY™

TECHNOLOGIES, INC.

*Marine Computer Solutions*

## 2015



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## Why PC Navigation?

The whole world is rapidly headed toward "open" architecture: interchangeable, upgradeable, and flexible systems that will communicate with each other and grow with technology. The marine marketplace seems to be the last area where our only electronic choices were single-use, dedicated, and proprietary devices that become obsolete and replaced with new technology. In addition, the idea of paying several thousand dollars for a dedicated and non-upgradable chart plotter makes no sense.

### The Future:

PC's are reliable, powerful, inexpensive, and are serviced worldwide. The PC will become the "Brain" of your boat - every piece of electronic data can flow through it and be routed to the display(s) of your choice. While you may upgrade the PC processor in the years to come (at a nominal cost), the displays, software, and cabling that you have come to rely on can be used again.

### Expandability:

Programmers are continuously writing new programs for PC based systems, including weather, radar chart overlay, 3D depth, and the list goes on! At the start of a new season, if you see a product that you like, just load it up and enjoy.

### Flexibility:

Design a system that adapts to your needs and desires - not the other way around. Enjoy a simple, dedicated fail-safe navigation system - or multiple displays throughout your boat, showing navigation, vessel monitoring, video, entertainment, and more! Either way, you decide.

### Visibility:

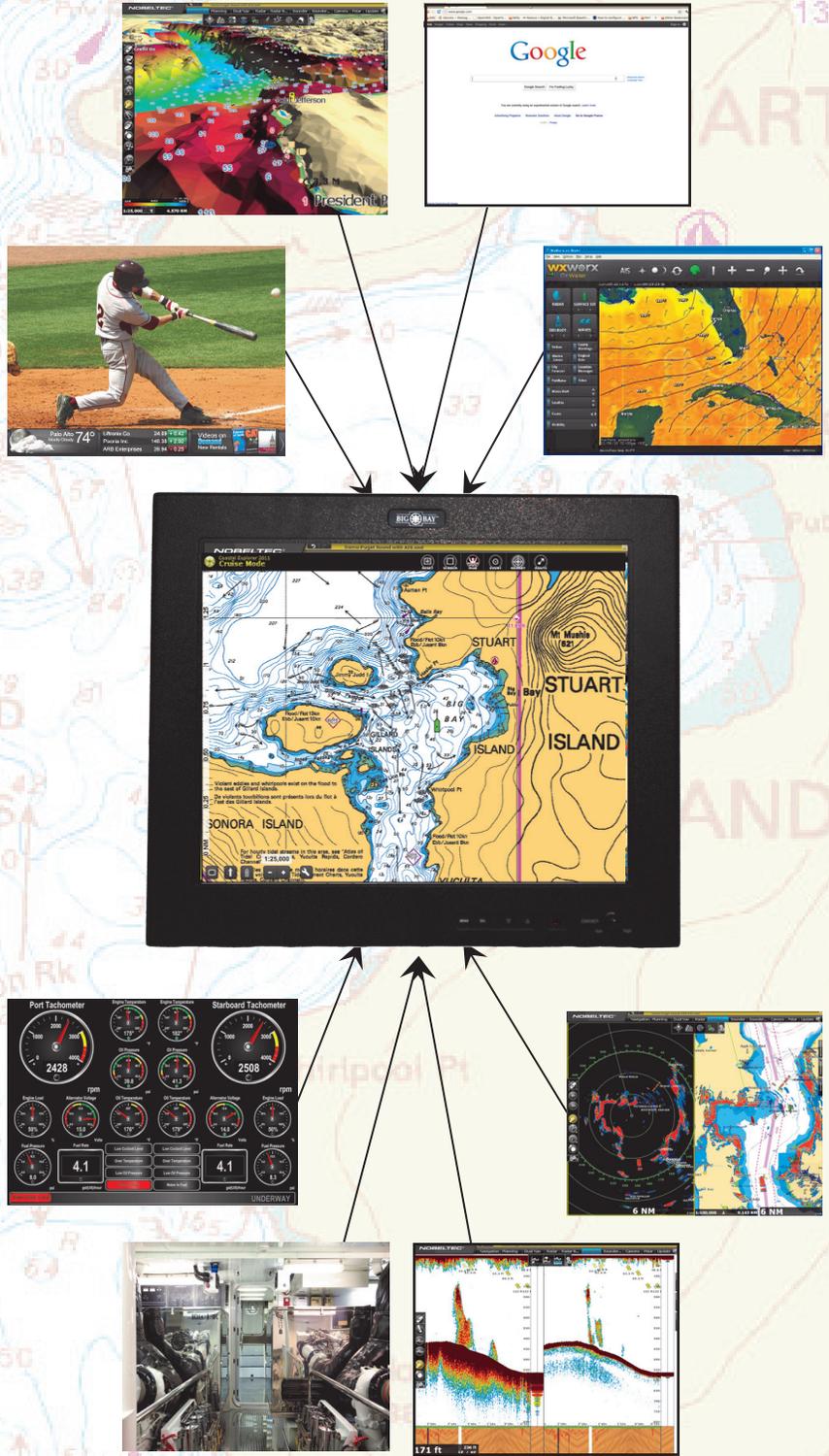
Enjoy the information where you want it - the cockpit, flybridge, pilothouse, or salon - with vivid full color flatpanel displays from 10.4" to over 21". The best data in the world isn't worth much if you can't see it. With Big Bay Technologies unique displays, display sizes, brightness, and water resistance, it is all up to you.

### Value

Take advantage of today's powerful, yet low cost processing power, coupled with a complete range of display options for a system that is a much better value than dedicated devices employing yesterday's technology.

# See it all!

See it all with Big Bay Technologies. Now you can view electronic charts, sonar, weather fax, email or fax's, and now even TV, movies, and full motion video on Vivid Full color flat panel displays from 10.4" up to 24" +



## Computers

**Mini PC:** Big things come in small packages. This computer is ideal for smaller vessels where space and power consumption is at a premium. This little power house includes Intel's I series processors, 250 GB Solid State disk drive, USB front and back, Network, audio in/out, HDMI/ DVI or VGA and DVD/Blue-ray optical drives. A custom mounting bracket is included. AC power is standard or optional DC direct power. It's no wonder this is a very popular choice

**Book PC:** This is the main stay of Big Bay's most flexible computers. It's efficient design with proven longevity and the latest in processor, SSD, DDR3 RAM, 6 USB (3.0/2.0) and front and rear access all standard. With 2 expansion slots (PCIe) and 2 serial ports this computer will grow with most any future upgrades you may desire. It can be mounted on a bulkhead, under counter or on a flat surface. Flexibility is the name of the computers game. Custom mounting bracket included AC power is standard or optional DC direct is available.

**Tower PC:** Want more expansion? This Micro ATX case accommodates up to 3 PCIe expansion slots. Built with the same top shelf components as our Book PC, this design has proven reliability over many years of service. Custom mounting bracket included, AC/DC ready

**Ventless PC:** Ventless PC's offer advantages over conventional computers because of no cooling fan requirements keeping the sea air, dust, and other particulate out. Ideal for the true blue water yachtsman, this model delivers the highest level of reliability for a nominal price increase. Configured with the latest processor, DDR 3 RAM and SSD drives it's no slouch when dealing with the most demanding programs. Standard features include 1x Serial, 2x Ethernet, 2x DisplayPorts, DVI, Audio in/out, 11 - 38 VDC direct power supply optional.

**Redundant PC:** Our redundant systems give owner's a piece of mind knowing if any issues do arise, a simple push of a button (KVM) will switch your keyboard, mouse, & display from your computer to the back-up allowing for uninterrupted flow of the data. A must for the serious yachtsman.



\$1,545



\$1,595



\$1,595



\$2,495



\$3,595

## Cutting edge performance with marine grade reliability

All of our computers are built around the latest proven technology available. Each and every one is built to order to your specifications. The following is a list of standard features included with any of our models:

- Mounting Bracket
- Solid State Hard Drives
- DVD re-writable optical Drive
- BluRay Drive optional
- Intel I Family Processors
- Windows 7/8/10
- Wi-Fi available
- Multiple USB 3.0 ports
- VGA and or DVI output
- HDMI available
- Video Capture Available
- 1000/T Megabit Ethernet
- Mini Card Readers available
- 11-36 vDC Power Supply optional
- Minimum 4 GB DDR3 RAM

### Optional Upgrades

- Remote Power Panel
- Custom Remote port Panels user configurable
- Extreme Shock Mounting
- Intel i-7 processors
- Maximum Ram (16-32+)
- 1TB + Solid State Drive

As avid Boaters we at Big Bay Technologies know that reliability is not a convenience but a necessity. To ensure this kind of quality, ruggedness, and reliability we test all of our platforms on the water in Puget Sound Washington in a Real-World environment. Every one of our systems is hand assembled in Brea California and burned in for at least 24 hours. After loading the operating system, and any purchased additional software, all current upgrades (software, drivers, and firmware) are installed prior to testing.

In addition to extreme quality control we pride ourselves on old world in person customer service and technical support. If you need to speak with any of us, even when using a Satellite Phone, you are promised to talk to an expert in our products and how they are installed and used including 3rd party software. We even do our best to return calls on evenings and weekends.

## Yes You Can See it!

Big Bay Technologies has been designing displays for the marine industry for over 15 years. We have continuously been first to market in the following key areas:

- Shock Mounting
- Anti-Glare Coating
- Fully Waterproof Designs
- LCD Flat Panels
- Direct Sunlight Readability
- Fog Proof Optically Bonded Glass
- Fully dimmable to black
- Dimming Knob not buttons
- LED backlights for low power
- Multiple Digital and Analog Inputs

Whether you are in your runabout for a day cruise or professionally navigating a large commercial vessel, Big Bay Technologies has a display that will fit your dash and is easily read in any lighting condition from the equator to the poles.

We at Big Bay Technologies are continually developing new technologies to improve our line of displays including brightness, contrast, resolution, cutting edge inputs, while still maintaining full backward compatibility to older systems.

As a testament to our quality we continually hear from customers who are still using 10+ year old displays on a daily basis.

## Submersible Displays

**NEW for 2015**

**NEW**



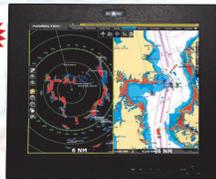
**\$1,845**

### DIS-10.1 Submersible

1000NITS Brightness (sunlight readable)  
CNC Machined Anodized Alum. Bezel & Casing  
Multi-Touch Screen,  
WXGA 1024 x 600 resolution,  
Inputs: HDMI/DVI, VGA, 2 x Composite,  
Scales to 1920 x 1080,  
Pedestal or Flush mounting,  
10.46" (W) x 7.02"(H) x 1.27"(D),  
10 to 35VDC,

## Indoor Displays

**NEW**



**\$2,245**

### DIB-15 Indoor

1000 NITS Brightness (sunlight readable)  
LED Backlight fully dimmable to black  
XGA 1024 x 768  
Pedestal or Flush mounting  
14.72" (W) x 12.83" (H) x 2.60" (D)  
11 to 38 VDC, Touch Screen Optional

**NEW**



**\$2,295**

### DIB-17 Indoor

1000 NITS Brightness (sunlight readable)  
LED Backlight fully dimmable to black  
SXGA 1280 x 1024  
Pedestal or Flush mounting  
14.33"W x 16.54"H x 2.36"D  
110VAC or 11 to 38 VDC optional



**\$2,395**

### DIB-19 Indoor

1000 NITS Brightness (sunlight readable)  
LED Backlight fully dimmable to black  
SXGA 1280 x 1024  
Pedestal or Flush mounting  
18.03" W x 15.07" H x 2.36" D  
110VAC or 11 to 38 VDC optional

**Our high value DIB-19/17/15 are intended for Pilothouse or Indoor applications. Yachts and Commercial vessels use these Displays for Navigation, Radar, Sounder, Cameras, Engine Monitoring, Entertainment, and more.**

**Built of Solid Aluminum Chassis, Industrial Controller Boards, LCD Panels, and LED Backlights, Big Bay Displays are designed to have a at least 100,000 hour life span.**

**All of our displays include the innovative and intuitive brightness Dimming Control Knob (first seen only on Big Bay Technology's displays). 2 year Parts and Labor warranty and Multiple Mounting Options are standard.**

## Indoor / Outdoor Displays

### DIBM-12.1 Indoor / Outdoor

1000 NITS Brightness (sunlight readable)  
LED Backlight fully dimmable to black,  
Inputs: DVI, XGA, S-Video, Composite,  
XGA 1024 X 768 resolution,  
12.67" (W) x 10.43"(H) x 2.4"(D)  
Multi-Touch Screen Optional  
Pedestal or Flush mounting  
11 to 38 VDC,



\$2,745 ~ \$3,445

### DIBM-15 Indoor / Outdoor

1000 NITS Brightness (sunlight readable),  
LED Backlight fully dimmable to black,  
CNC Machined Anodized Alum. Bezel,  
Inputs: DVI, XGA, S-Video, Composite,  
SXGA 1280 x 1024  
14.72" (W) x 12.83" (H) x 2.60" (D),  
Optically Bonded Flush recessed Glass Surface,  
Multi-Touch Screen Optional  
Pedestal or Flush mounting,  
11 to 38 VDC



\$3,245 ~ \$3,945

### DIBM-17 Indoor / Outdoor

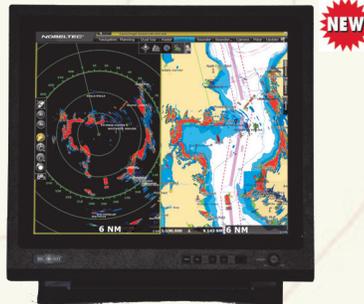
1000 NITS Brightness (sunlight readable)  
LED Backlight fully dimmable to black,  
CNC Machined Anodized Alum. Bezel,  
Inputs: DVI, XGA, S-Video, Composite,  
SXGA 1280 x 1024  
14.57"H (15.20"H w/bracket) x 16.14"W x 2.80"D  
(4.96"D w/bracket)  
Optically Bonded Flush recessed Glass Surface,  
Multi-Touch Screen Optional,  
Pedestal or Flush mounting,  
11 to 38 VDC



\$3,395 ~ \$4,095

### DIBM-19 Indoor / Outdoor

1000 NITS Brightness (sunlight readable),  
LED Backlight fully dimmable to black,  
CNC Machined Anodized Alum. Bezel,  
Inputs: DVI, XGA, S-Video, Composite,  
XGA 1280 x 1024  
16.55"H (17.17"H w/bracket) x 18.22"W x 2.80"D  
(5.43"D w/bracket)  
Optically Bonded Glass Surface from edge to edge  
Multi-Touch Screen Optional  
Pedestal or Flush mounting  
11 to 38 VDC



\$3,695 ~ \$4,395

## All New Indoor Outdoor Displays

- All Aluminum Chassis
- Optically Bonded Glass Surface
- 1000 nit Direct Sunlight Readable
- CNC Machined Anodized Bezels
- IP63 Waterproof (when flush mounted)
- Pedestal or Flush mounting
- 10 ~ 38 VDC direct
- LED Backlight
- Fully Dimmable to Black
- 5 point Multi-Touch Optional
- Backlit OSD Buttons
- DVI input
- VGA input
- S-Video input
- Composite Video input
- 2 Year Parts & Labor Warranty

**20 years of design has produced our best Displays Ever. These are Direct Sunlight Readable, Dimmable to Black, and Guaranteed to never Fog! With one of these on your Fly-bridge or in your Pilot-house you will be the envy of the marina.**

**Reminiscent of classic engineering from the past with totally unique styling these displays evoke an emotion only experienced with other works of art like Bugatti and Rolex.**

**Constructed from Aircraft Grade Billet Aluminum CNC machined to perfection, then anodized black for a glossy finish. Optically Bonded Flush mounted Glass with Multi-Touch (optional) allows for easy access to all corners for Windows 7, 8 and 10.**

**All of our Indoor / Outdoor displays are fully water resistant (IP63) when flush mounted. All connectors are located on the back of our displays and use standard connections for power, composite video, VGA analog video, and DVI digital video.**

## Packages

Big Bay offers turnkey packages to make navigation decisions easier than ever. By selecting one of our several package choices you ensure all the proper pieces will be built to your specific requirements. All software will be pre-loaded and tested ready for the most efficient solutions. Whether a simple pilot house or fully redundant multiple display system, our experience will ensure to meet the most discriminating customer with professional results. Package solutions also save money as our arrangements with software developers allow Big Bay to purchase at lower prices. That along with having all components shipped with one order saves time and frustration with miscellaneous parts and time involved with loading software and charts. Big Bay includes this service at no additional charge and will work with customer to ensure complete satisfaction with the end result.

# Packages

Starting at \$3,600



### Pilot House Package

This is comprised of our Book PC and a DIB 19" Display. With your optional choice of navigational software and a GPS, you will be ready for the next Crab Season or Predicted Log Race.



### Flybridge Package

This is for either smaller craft with an open cockpit or a larger vessel with the primary navigation station in an open Flybridge. This Package includes our Book PC and your choice of either a DIBM 15", DIBM 17", or a DIBM 19" display (all of which are water resistant when flush mounted). Just add navigational software and a GPS and your navigational tools couldn't be simpler.



### Dual Station Package

This is for our customers who have both an enclosed Pilot House and an open Flybridge (or Sailors who want displays down at the Nav station and at the Helm). Included is a Book PC, your choice of any 2 of the following displays: DIBM 15", DIBM 17", and DIBM 19" (all are water resistant when flush mounted) and a VGA splitter to run a signal to two displays. Options to consider are your choice of navigational software, GPS, or a Wireless Remote Mouse. Now you can have all your navigational information wherever you want it.



### Redundant Package

This is for those who want the peace of mind only a redundant backup can provide. Included are two identical Book PC's mounted together in a custom bracket and your choice of a DIBM 15", DIBM 17", or a DIBM 19" display. Use this package with your optional choice of navigational software and GPS with total confidence.

Packages are a great way to start a Big Bay Technologies system and save money by bundling hardware.

Things that need to be considered to complete any package are some very simple measurements and options. For example when choosing a display make sure to verify the space where you are going to mount the display to ensure you choose the correct size. Another thing to consider is where you are going to mount the computer and how long of a video cable you may need to connect to the mounted display (we offer many common lengths of custom easy to pull cables). Lastly do you want a port panel at the steering station to plug in a wired device (like keyboard or trackball), or a wireless solution for either or both the keyboard and mouse.

# Accessories

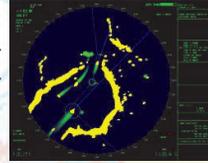
## GPS / AIS:

you may already have a GPS onboard that supports NEMA data or you may prefer to have a dedicated GPS Antenna only for the computer



## Radar:

We offer all of the leading Manufacturers Radar's that support either a pc with software or a stand alone radar with one of our Display's.



## Sounders:

Just like the Radars we offer we can also supply a digital sounder that works with navigation software or stand alone Black Box solutions that work with our Display's.



## Global Communication:

We can also provide a DeLorme InReach Explorer for easy and cost effective 2 way text and Location reporting. Feel free to consult with us at Big Bay Technologies on what would be your best solution



## Software:

No one has been doing this for longer, better, or with as much Sea Time with the many Software vendors available today and in the past. We have a solution for you from pleasure cruising to commercial fishing.



## Custom Cables and Port Panels:

Need something longer, or do you want to have one or more of the many ports on the back of your computer replicated on you dash for convenience. We can make anything custom just for you.



## Mice and Keyboards:

Wired, Wireless, Waterproof and or Industrial, we are sure to have one that fits your needs.



## Accessories:

Big Bay offers a wide variety of accessories to complement a wide variety of products that allow our systems to expand in almost unlimited ways including:

- Radar,
- Sounder,
- AIS,
- Camera's,
- Engine monitoring,
- Entertainment,
- Communication,
- Weather monitoring,
- Security,
- Specialty cabling,
- Wireless products

All Big Bay accessories are field tested to ensure proper operation and come with full support and product knowledge ensuring customer expectations are achieved. We have access to a wide variety of components that may not be shown on the web site but don't be shy, just ask and we will do our best to help with any question.

The Accessories that you choose to complete your install of Big Bay Technologies hardware is what truly defines the system you wish to own. Each and every boat is unique and every Captain chooses what he or she likes best, from overly simple to as advanced as any user chooses. We have the ability to deliver and support any 3rd party software or hardware to make this system truly yours.

Please visit our website for a complete and up to date list of many other accessories that we could not fit on this page (like Camera's for the engine room, work deck, or to track that tender you are towing).

STUART

Flood/ Flot 10kn  
Ebb/ Jusant 8kn

# BIG BAY™



BIG BAY

GILLARD



Big Bay Tech's Testing Vessel

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Ebb/ Jusant 8kn