

Display Console Solutions

ALOHA-12A

12.1" All-in-One Display Console

The ALOHA all-in-one display console is the world's first 7-in-1 display console, with a 12.1" touch control unit that allows access to single computer via the VGA/DVI/USB KVMA (keyboard, video, mouse, audio) console. ALOHA-12A helps you save hundreds of dollars in equipment, space, and power costs. There is no need to have additional peripherals for the system.



Embedded System
IBX-530-N270

Easily to Connect with Systems
(or Easy System Connection)

Features

- Portable Compact Design
- 7-in-1 Display Console
 1. 10.4" Widescreen (16:9) TFT LCD /12.1" TFT LCD with optional resistive touch screen
 2. 87-keys keyboard and touchpad
 3. 300K pixel camera allows users to take photos and live video communication
 4. Digital microphone
 5. Two embedded 1.5W speakers support alarm warning notice or audio application
 6. Five USB ports for various USB device connections
 7. Earphone jack for private listening
- 3 Easy Cable Installation
 1. USB on a single cable supports seven functions
 2. Analog VGA and digital DVI interface support most of general system
 3. Lockable power adapter
- Convenient OSD settings by cap-sensor
- Hot Pluggable- Add or remove computer without having to power down the switch
- Standard support of English version keyboard, Optional Japanese, German, French, Italian version keyboard support.

Ruggedized Die-casting base !
Two 1.5W Integrated Speakers

• Touchpad

• Camera with digital microphone

300K pixel Camera up to
VGA resolution (640 x 480)

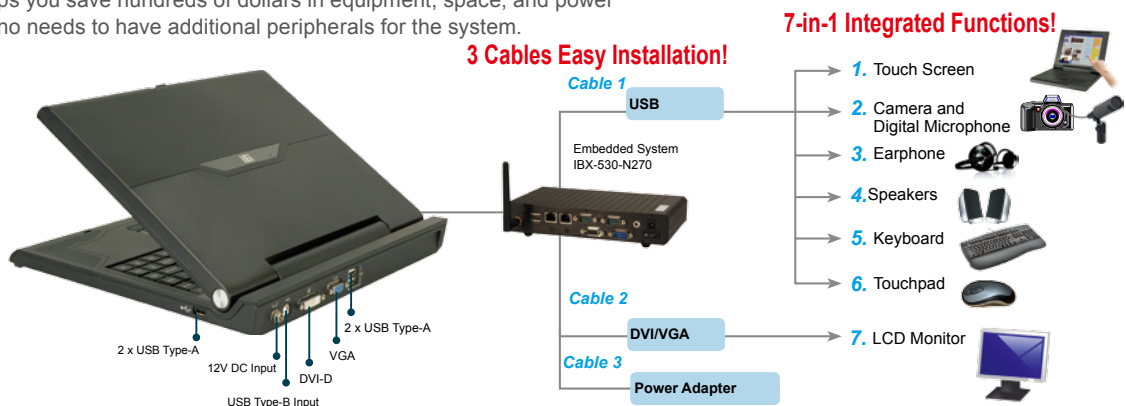
• Convenient on-screen display (OSD)
menus controlled by cap-sensor

• Multiple USB Connectivity

The ALOHA-12A could be a 5-port USB 2.0 hub which optimizes the use of the single USB port by splitting it into five additional USB 2.0 ports (two on the front, one on the side and two on the rear) for multiple USB devices.

Diagram

ALOHA-12A helps you save hundreds of dollars in equipment, space, and power costs. There is no needs to have additional peripherals for the system.



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IEI Mobile Solution

2

Automation Panel Solutions

3

Video Wall Controller/ Splitter

4

RISC-based Solutions

5

PACSmate Medical

6

Optional Peripherals

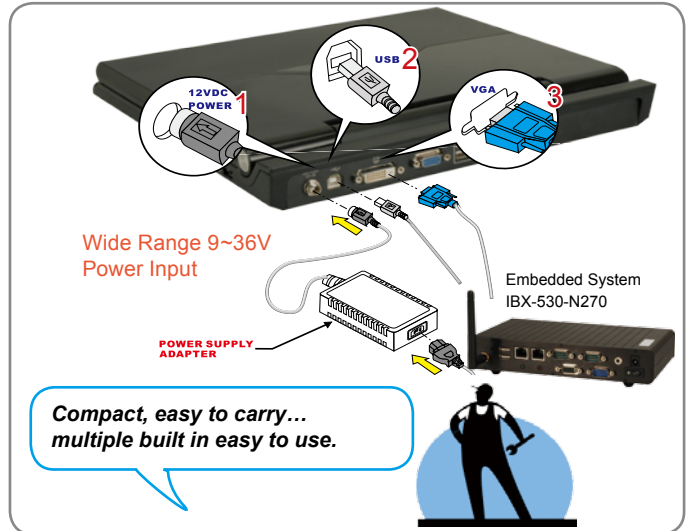
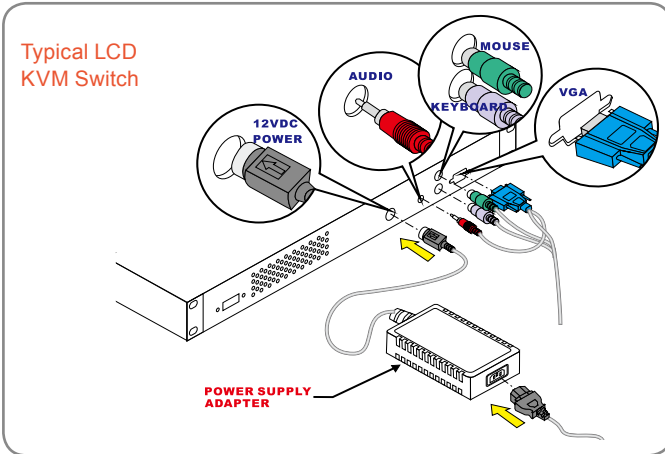
■ Applications



Repair Maintenance Tool

General maintenance and repair workers often carry out several different tasks in a single day, at any number of locations. The compact all-in-one console allows the workers to carry it comfortably to do the system maintenance, especially to those embedded systems which are difficult to dismantle.

Easy wiring via VGA / DVI and USB cables decreases the installation time!



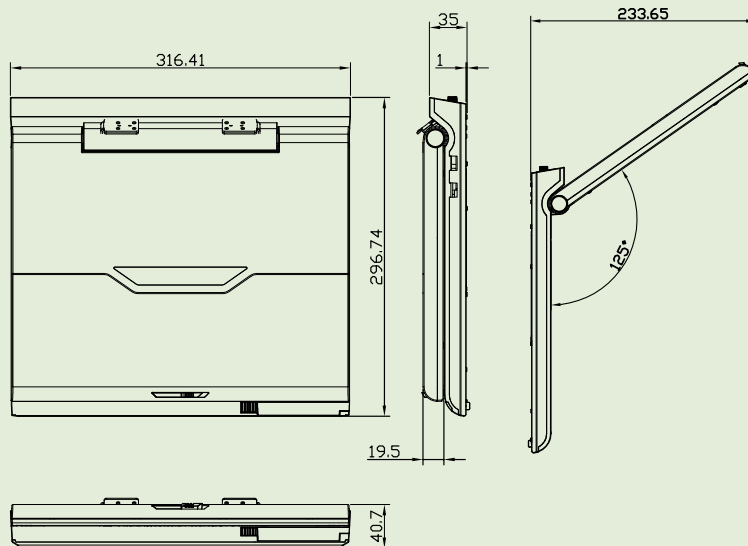
Install Anywhere with Adjustable FLAT VESA ARM!

Robust Die-casting Base



VESA 75/100

ALOHA-12A Dimensions (Unit: mm)



- 1 IEI Mobile Solution
- 2 Automation Panel Solutions
- 3 Video Wall Controller/ Splitter
- 4 RISC-based Solutions
- 5 PACSmate Medical
- 6 Optional Peripherals

Specifications



| Model | | ALOHA-12A |
|-----------------------|--|------------------------|
| Display | LCD Size | 12.1" |
| | Resolution | 1024 x 768 (XGA) |
| | Brightness (cd/m ²) | 400 |
| | Contrast Ratio | 500: 1 |
| | LCD Colors | 262 k |
| | Viewing Angle (H-V) | 160°/160° |
| Connectors | Rear | 1 x USB Type-B Input |
| | | 1 x DVI-D |
| | | 1 x VGA |
| | Front Panel | 2 x USB Type-A |
| | | 1 x Microphone jack |
| | | 1 x Speaker jack |
| | | 2 x USB Type-A |
| | Side | 1 x USB Type-A |
| | Touch Panel | Optional |
| Camera and Microphone | 300K pixel with digital microphone | |
| Speakers | AMP 1.5W +AMP 1.5W | |
| OSD Control | On-screen display (OSD) controlled by cap-sensor | |
| Power Input | 9V~36V | |
| Environment | Operating Temperature | 0~45°C |
| | Humidity | 5%~95%RH |
| Physical Properties | Housing | Metal |
| | Weight | 3.16 kg |
| | Dimensions (L x W x H) (mm) | 316.41 x 296.74 x 40.7 |

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IEI Mobile Solution

Ordering Information

| Model | Description |
|---------------------------|--|
| ALOHA-12A- [L] /T-R-R20 | 12.1" Advanced all-in-one touch display console, black color |
| ALOHA-12A- [L] -R20 | 12.1" Advanced all-in-one display console, black color |

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Automation Panel Solutions

[L] Language Code-

I :Italian F :French T :Traditional Chinese E :English
S :Spanish J :Japanese R :Russian G :German

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Packing List

| Item | P/N | Description |
|---------------------------------------|---------------------------|--|
| USB cable | 32000-091700-RS | USB A Type male and USB B Type male (length: 1.8M) |
| VGA cable | 32000-036200-RS | D-SUB 15P male (length: 1.8M) |
| Power adapter | 63000-FSP0401ADF03A821-RS | 90V~264V;12V;40W (length: 1.5M) |
| Power cord | 32000-000002-RS | European power cord (length: 183cm) |
| Touch pen | XTR104-0002-RS | |
| User's manual and touch driver CD-ROM | | |

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Video Wall Controller/ Splitter

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PACSmate Medical

Options

| | P/N | Description |
|-----|-----------------|--|
| DVI | 32000-115700-RS | DVI cable (length: 1.8M) |
| | 32000-115800-RS | DVI cable (length: 5M) |
| | 32000-115900-RS | DVI cable (length: 10M) |
| VGA | 32000-036200-RS | VGA cable (length: 1.8M) |
| | 32000-077300-RS | VGA cable (length: 5M) |
| | | VGA cable (length:10M) |
| USB | 32000-091700-RS | USB A Type male and USB B Type male (length: 1.8M) |
| | 32000-077400-RS | USB A Type male and USB B Type male (length: 5M) |
| | | USB A Type male and USB B Type male (length: 10M) |

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Optional Peripherals