Display Workstation Solutions

IEI industrial workstations are PCs with built-in touch screens. The workstations use either a microATX motherboard or a backplane with a CPU card.

>> Industrial Workstation Series

Features

- Excellent expansion capability for full/half-size CPU cards
- Compact die-cast aluminum front panel and integrated LCD back frame
- Front panel, membrane keys, mouse pad and drive-bay enclosure meet IP 64 / IP 65 standard for tough environment

Backplane

Full-size/Half-size SBC

>> Rack Mount Workstation Series

Product Line		WS-series	RPC-series
		IP 64 Waterproof Workstation with Membrane Keypads	Easy Rack Mount Workstation with OSD Functions
LCD Size		Model / Mechanism	
6.5"	640 x 480		**EC-1040G** (4U 14-slot full-size)
10.4"	800 x 600	**WS-612GS** (6U 7-slot)	
12.1"	1024 x 768	**WS-843GS** (7U 10-slot)	
15"	1024x 768	**WS-855GS** (8U 10-slot/m-ATX MB)	
17"	1280 x 1024	**WS-875GS** (9U 10-slot/m-ATX MB)	

1
IEIMobile Solutions

2
Automation Panel Solutions

3
PACSmate Medical Solutions

4
Optional Peripherals

Industrial Workstation Series

10.4" ~ 17" IP 64 Waterproof Workstation:
Robust, Shock Resistance

Features

1. Die-cast aluminum front panel with integrated LCD screen
2. New robust chassis and retention kit structure for shock and vibration
3. Front panel, membrane keys, mouse pad and drive-bay enclosure meet IP 64 standard for tough environment
4. Full function membrane keys and submerged OSD controller
5. Advanced thermal and air-flow design
6. Analog VGA interface supports all CPU boards

Features

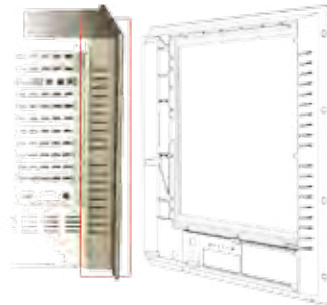## IP 64 waterproof front panel, membrane keys, mouse pad & drive-bay

The industrial workstation's front cover is IP 64 compliant. The front cover is completely protected against the entry of dust and water sprayed from any direction.
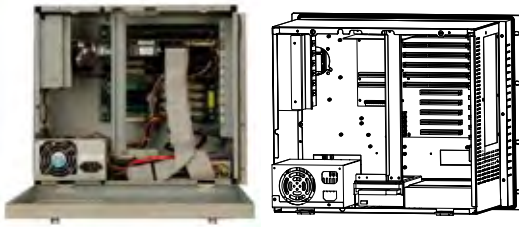

Waterproof key lock and drive bay cover

Compact die-cast aluminum front panel and integrated LCD back frame

Rack or wall mount systems always apply the whole system weight on the front bezel and LCD container. One piece design has higher strength and lighter weight because of aluminum die casting.
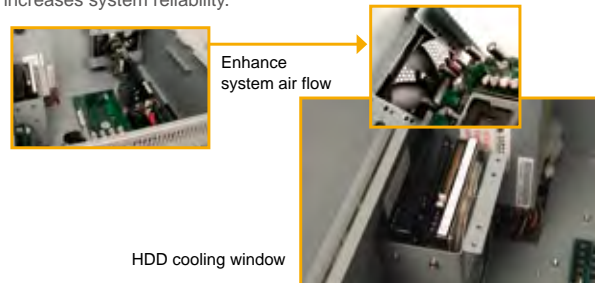

New robust chassis and retention kit structure to against shock and vibration

The whole chassis and retention kit are designed to be sturdy and rugged. The whole chassis has less joints and connections to increase resistance to shock and vibration.
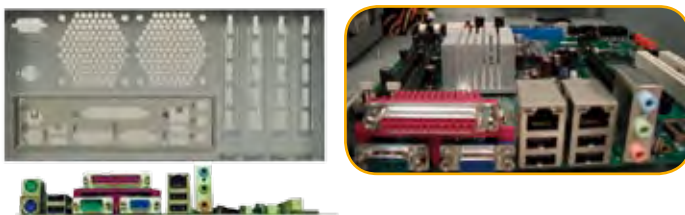

Enhanced thermal management

Built-in fans and hard drive cooling ensure that temperatures stay within operating range all the time. This extends product life and increases system reliability.

Enhance system air flow

HDD cooling window

CPU card and Micro-ATX support

The WS-855GS, WS-875GS and WS-895GS can support microATX motherboards. microATX motherboards are widely used and offer a larger range of options to suit the needs of the system.

Optional RS-232 interface touch screen

The WS series provides an RS-232 port reserved for touch screen. IEI Workstation provides T-R model with high strength fiber glass touchscreen applications.

Optional RS-232 port

Complete drive support

The industrial workstations support 3.5" and 5.25" drives, and a floppy drive.

1

IEI Mobile Solutions

2

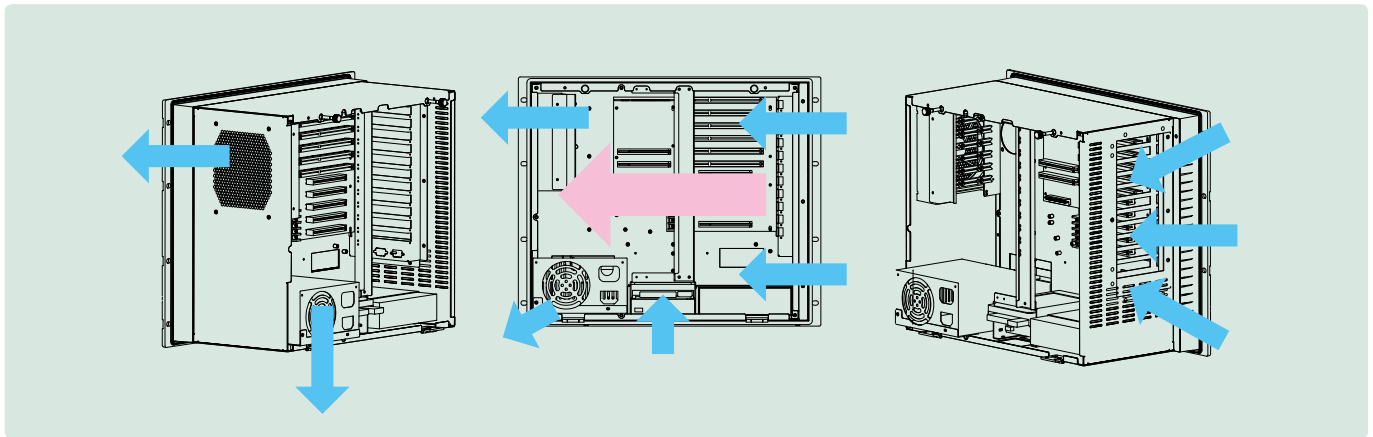**Automation Panel Solutions**

3

PACSmate Medical Solutions
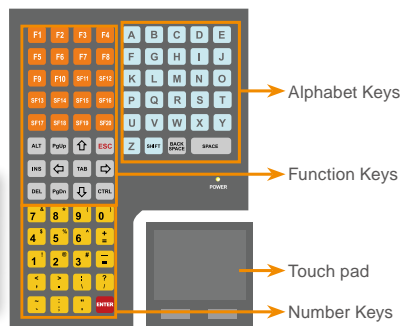
4

Optional Peripherals

Advanced thermal and air-flow design

The thermal issue is an important issue for the modern industrial PC. The IEI industrial workstation is designed to have air flows through the computer by pulling cool air in one side and exhaust heated air out the other.
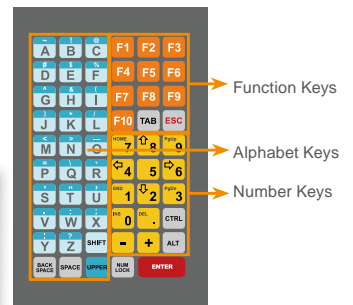

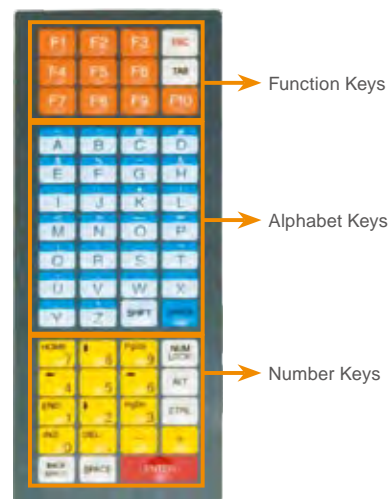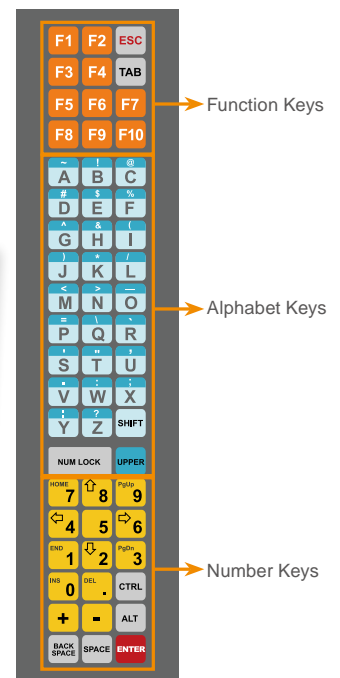# Full function membrane keys & submerged OSD controller

• WS-612GS

Alphabet Keys

Function Keys

Touch pad

Number Keys

• WS-843GS

Function Keys

Alphabet Keys

Number Keys

• WS-855GS

Function Keys

Alphabet Keys

Number Keys

• WS-875GS

Function Keys

Alphabet Keys

Number Keys

1
IEIMobile
Solutions

2
Automation
Panel
Solutions

3
PACSmate
Medical
Solutions

4
Optional
Peripherals