# INOSP-151-RE / INOSP-191-RE

Intel® Atom™ D2550 Processor
Stainless Steel Panel PC

## INOSP Series 15" 19"



Fanless

IP65

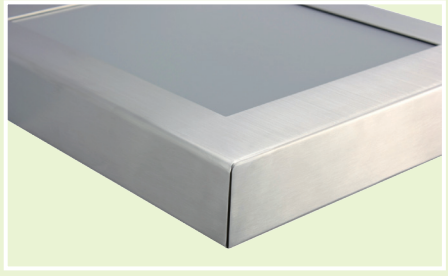
## I/O View



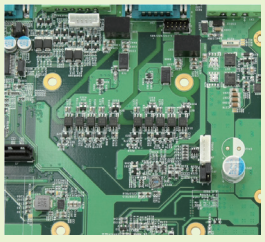
INOSP-151-RE / INOSP-191-RE

## Features

- Resistive touch screen
- Dual-Core fanless design
- Durable stainless steel housing



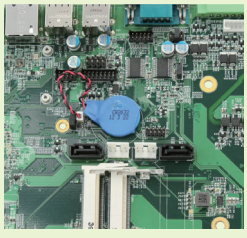
- Wide-range 12~36V DC power input
- Isolated RS-232/422/485



- IP65-grade protection with L-type waterproof cover (optional)



- Long-life 500mA, wide range -40~110°C RTC battery



### What's isolated?

Isolated RS-232/244/485 serial port to protect your serial devices, such as PLC device, from burn outs and shorts.

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## Specifications

| Model No. | | INOSP-151-RE | INOSP-191-RE |
|---|---|---|---|
| Display & Touch Screen | Display Size | 15" TFT-LCD | 19" TFT-LCD |
| | Max. Resolution | 1024 x 768 | 1280 x 1024 |
| | Luminance (cd/m$^2$) | 500 | 350 |
| | Contrast | 800:1 | 1000:1 |
| | Max. Color | 16.2M | 16.7M |
| | View Angle (H°/V°) | 160/160 | 170/160 |
| | Backlight Lifetime(hrs) | 50000 | 50000 |
| | Touch Type | Resistive | Resistive |
| | Touch Interface | Default RS-232, USB for option | Default RS-232, USB for option |
| | Light Transmission (%) | 80 | 80 |
| | Point of touch | 1 | 1 |
| I/O Interface | USB 3.0 | 0 | 0 |
| | USB 2.0 | 2 | 2 |
| | RS-232/422/485 Selectable under BIOS | 1 | 1 |
| | RS-232 | 1 | 1 |
| | LAN | 2x GbE | 2x GbE |
| | Additional Graphics | None | None |
| | Audio | Mic-in / Speaker-out | Mic-in / Speaker-out |
| | Digital I/O | 2in / 2out | 2in / 2out |
| | Power Connector | 3-pin terminal block | 3-pin terminal block |
| | Power Button | None | None |
| Mechanical | Dimensions (mm) | 425 x 330 x 60 | 470 x 390 x 60 |
| | Net Weight (kgs) | 6.3 w/o cover | 8.2 w/o cover |
| System | Processor | Intel® Atom™ Processor D2550 (1M cache, 1.86 GHz) | Intel® Atom™ Processor D2550 (1M cache, 1.86 GHz) |
| | Memory | 2x DDR3-1033 / 1066 SO-DIMM, up to 4GB | 2x DDR3-1033 /1066 SO-DIMM, up to 4GB |
| | Thermal Design | Fanless | Fanless |
| | Membrane Control | None | None |
| | Built-in Speaker/MIC | None | None |
| Expansion | Internal Expansion Bus | 1x Mini PCI-E half/full size | 1x Mini PCI-E half/full size |
| | Expansion Slot | None | None |
| | Wireless | None | None |
| Storage Space | HDD | 1x 2.5" SATA | 1x 2.5" SATA |
| | Removable | 1x CFast slot | 1x CFast slot |
| Power | Power Input Range | 12~36V DC | 12~36V DC |
| Construction | Chassis Material | 304 stainless steel / 316 stainless steel as option | 304 stainless steel / 316 stainless steel as option |
| | Color (Front/Back) | Silver / Silver | Silver / Silver |
| | IP Rating | IP65 (except I/O side; Waterproof I/O cover with M12 connector is optional) | IP65 (except I/O side; Waterproof I/O cover with M12 connector is optional) |
| | Mounting | VESA 75x75 and 100x100 mm | VESA 100x100 mm |
| Environment | Operating Temperature | 0°C ~ 50°C | 0°C ~ 50°C |
| | Storage Temperature | -20°C ~ 60°C | -20°C ~ 60°C |
| | Storage Humidity | 10%~90% @ 40°C (non-condensing) | |
| | Certification | CE/FCC Class B | |
| | Supported Operating Systems | Windows Embedded Standard 7, Windows 7 Pro for Embedded | |

Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.

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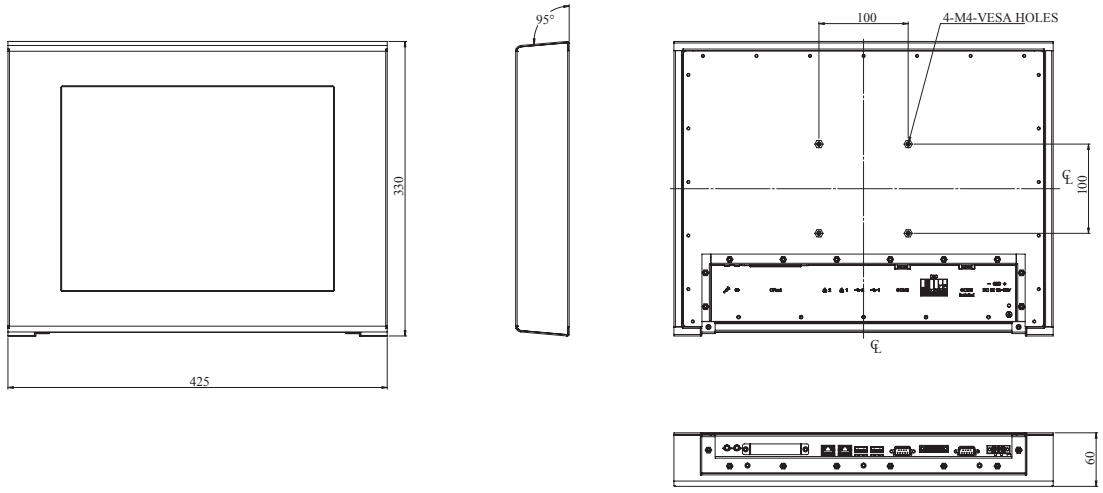
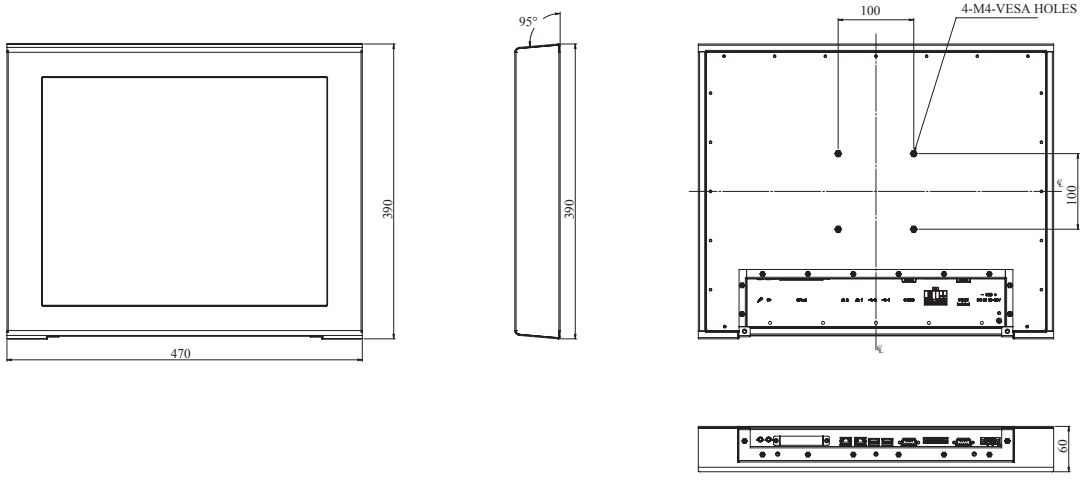
## Dimensions

INOSP-151-RE




INOSP-191-RE




## Ordering Information

| | |
|---|---|
| INOSP-151-RE | 15" Stainless Steel Panel PC with IB809, Intel® Atom™ Processor D2550 1.86GHz, 4GB DDR3 memory, 64G SSD, with resistive touch screen, w/o adaptor |
| INOSP-191-RE | 19" Stainless Steel Panel PC with IB809, Intel® Atom™ Processor D2550 1.86GHz, 4GB DDR3 memory, 64G SSD, with resistive touch screen, w/o adaptor |
| 191B Cover (optional) | IP65 I/O cover for INOSP, M12 connectors with LAN/2x USB 2.0/COM and power input, backward direction |
| 191D Cover (optional) | IP65 I/O cover for INOSP, M12 connectors with LAN/2x USB 2.0/COM and power input, downward direction |
| Power adaptor (optional) | AC 90V~240V input, 12V DC output 84W power adaptor IBASE P/N: A005PS084W0050000P |
| SSPA-24 (optional) | 90V~240V AC input, 24VDC output IP56 stainless steel power adaptor |

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