

# InForm | Digital Signage Displays

Multi-environment | Daylight viewable | Rugged | Fully IP65 sealed.



Nemacom have developed the **InForm** range of robust, high specification, LCD Digital Signage displays with the option of a fully integrated Single Board Computer and Touchscreen.

All weather, hard wearing and available in a number of custom build options and finishes, the **InForm** range excels in design, picture quality and reliability. An operating range of -20°C to +50°C, automatic brightness adjustment, movement sensor and internal heat regulation are just some of the options available.

## Key Features:



**32" | 40" | 46" | 55" | 70"** LCD. 1366 x 768 HD or 1920 x 1080 full HD resolution.  
CCFL or LED backlights: LED offers instant uniform brightness and lower power consumption.  
Options: Auto-adjusting ambient light sensor and Infra-red movement detector.



**All weather, multi-environment construction** : Fully **IP65** Sealed Metal Cased or Panel Mount construction in either a specified paint colour or grained stainless steel. Resistant to dust and water ingress, suitable for harsh environments and outdoor use.  
**Optically Bonded Overlay** for use in high ambient / sunlight conditions reduces reflections. Silk-screened company logo if required.  
Operating temperature of **0°-50°C** or **-20°-50°C** with optional temperature control heating system.



**Robust, vandal resistant housing with secure inputs**: Rugged mild steel or stainless steel housing. Rear VESA studs for secure bracket fixing, IP68 rated input connectors with optional cable management via vandal resistant Kopex secure conduit system.  
Can be mounted in Portrait or Landscape mode.



**Powerful integrated Single Board Computer** : Fan-less Intel Atom Z530P 1.60GHz CPU, 2GB RAM, 160GB+ HDD, Solid State Drive or Compact Flash card options. Full HD high performance graphics. Windows 7 or Windows embedded OS. Upgrades available.



**Touchscreen** : Available with or without a fully integrated Touchscreen. Capacitive Touchscreen with either Anti-Reflect finish or Mirror glass- giving a reflective mirror effect when not in operation.  
**Non-Touchscreen**: Screen protection via Lexan Anti-Glare with hard coat finish or Tempered / Laminated vandal resistant glass.



**Unique Integrated Speaker design** : 2 x 25watt Invisible Stereo Speakers, fully IP65 sealed. External audio in optional (line level).



**Designed, manufactured and fully supported by Nemacom in the UK.**  
Excellence in Manufacturing award nominee 2011, West Midlands Manufacturing Advisory Service.  
2 year return to base warranty.

## Build Options -

### -Panel Mount :

Front mounting into an enclosure, housing, desk or wall.

### -Metal Cased:

Fully encased for desk-stand or wall mounting on a suitable bracket. Rear VESA fixing.

## Warranty-

2 years return to base, full UK support.

## Contact us -

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**nemacom**  
interactive display solutions

# InForm | Digital Signage Displays

Multi-environment | Daylight viewable | Rugged | Fully IP65 sealed.

- Specification details & options:

**32"** HD 1366 x 768 CCFL, 450Cd / 3000:1 contrast | **40"** Full HD 1920 x 1080 CCFL, 700Cd / 3000:1 contrast  
**46"** HD 1366 x 768 CCFL, 1500Cd / 3500:1 contrast | **46"** Full HD 1920 x 1080 LED, 600Cd / 3000:1 contrast  
**55"** Full HD 1920 x 1080 LED, 600Cd / 4000:1 contrast | **70"** Full HD 1920 x 1080 LED, 2000Cd / 2500:1 contrast  
LED backlights offer instant uniform brightness and lower power consumption.

**Options:** Auto-adjusting ambient light sensor and Infra-red movement detector.

**Touchscreen :** Available with or without a fully integrated Touchscreen.

Capacitive Touchscreen with either Anti-Reflect finish or Mirror glass- giving a reflective mirror effect when not in operation.

**Non-Touchscreen:** Screen protection via Lexan Anti-Glare with hard coat finish or Tempered / Laminated vandal resistant glass.

**Optically Bonded Overlay** for use in high ambient / sunlight conditions reduces reflections.

**All weather, multi-environment construction :**

Robust fully **IP65** Sealed Mild Steel Metal Cased or Panel Mount construction in a specified paint colour.

Grained Stainless Steel including food grade 316. High polished stainless available.

Resistant to dust and water ingress, suitable for harsh environments and outdoor use.

A **non-IP65** fully sealed version is available for less demanding environments and indoor use.

Silk-screened branding / company logo available.

Rear VESA studs for secure bracket/stand fixing- contact us to discuss mounting options.

IP68 rated input connectors with optional cable management via vandal resistant Kopex secure conduit system.

Can be mounted in Portrait or Landscape mode.

Operating temperature of **0°-50°C** or **-20°-50°C** with optional temperature control heating system- Operates at -20 ~ +5.

Relative humidity: operating 0-100%

**Power Supply:** 90-265v AC Internal PSU.

Note: With optional temperature controlled heating system the power supply is either 110v AC or 240v AC, non switchable.

Operating power: 32" typical 110w, optional heating system 600w.

**Integrated Single Board Computer :** Available with or without an integrated SBC.

Processor: Intel Atom Z530P 1.60GHz CPU, low power fan-less operation. 2GB RAM. 160GB+ HDD.

1x GigaBit Ethernet (1000Base-T). Optional WiFi via USB / PCI-e Mini Card with custom sealed antenna.

USB x2 with an additional x4 available (x1 used for Touchscreen if fitted). Expansion slot: 1x PCIe Mini Card.

Graphics Performance: Full HD high performance graphics utilizing Intel GMA500 with HD video decoder and image processing. MPEG and Flash-Video decoding graphics engine (Intel GMA) allows full-HD 1080p video playback at very low CPU loads.

Operating System: Windows 7 or Windows Embedded Standard- with enabled write protection filter provides a robust operating environment with a safe and consistent power off / on re-set facility.

**Options:** Solid State Drive or Compact Flash card reader. 1x RS232 & 1x RS232/RS422/RS485

**Unique Integrated Speaker design :** 2 x 25watt Invisible Stereo Speakers, fully IP65 sealed. A unique audio output system which uses two IP65 sealed acrylic panels to provide 2 x 25 Watts of high quality sound. Bonded to the protected rear face of the acrylic are 4 audio transducers which use bending wave techniques to transfer sound energy into the acrylic material. The result, an invisible speaker producing a quality and depth of sound that belies its physical size. The acrylic can be supplied in many colours and with custom logos or designs.

External audio in optional (line level).

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2 year return to base warranty. Contact us for individual dimensions and weights. 2011.

## Build Options -

### -Panel Mount :

Front mounting into an enclosure, housing, desk or wall.

### -Metal Cased:

Fully encased for desk-stand or wall mounting on a suitable bracket. Rear VESA fixing.

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