

# APEX-PC | IP65 Harsh Environment LCD, Touchscreen & Fully Integrated Single Board Computer.



The Nemacom APEX displays are a series of rugged, high specification TFT colour LCD monitors specifically designed for the most challenging of environments including indoor harsh environments and outdoor applications. Robust, hardwearing and fully IP65 protected, it is the perfect solution for when there is a high risk of dust, chemical or water penetration.

- 17" | 19" | 23" | 32" | 40" | 46" | 55" LCD Fully IP65 sealed against dust and water jets from all directions. Suitable for outdoor use and indoor harsh environments.
- Powerful Single Board Computer with Safe-Power Down feature.
- Painted Mild Steel or Stainless Steel Housing.
- Available with or without fully integrated Touchscreen. Anti-Glare Protective Front Cover for non-touchscreen displays.
- Designed, hand assembled and fully supported by Nemacom in the UK.

**Specification :** LCD: 17" up to 55" | Resolution 1280 x 1024 up to 1920 x 1080 Full HD | Rear OSD control buttons

**Contact Us:** For individual display size specification, brightness, viewing angles etc.

**Standard PC Specification:** Intel Atom 1.86 GHz Dual Core Processor, 4 GB RAM, 320GB SATA HDD, 2 x USB 2.0, 2 x GigaBit LAN, 1 x Compact Flash Type I/II socket (internal) 1x Mini-PCIe (internal), Audio Line in/out optional.

**XP-Pro** Operating System Installed | Windows 7 32/64 bit Optional | **Operating Temperature:** 0-50°C

**Upgrade Options:** Intel Celeron 1.6 GHz Dual Core CPU, Intel i3-2330 2.2GHz Core Duo CPU, Solid State HD, Optional 2nd SATA III HDD, up to 8GB RAM with Win 7 64bit, wireless LAN, RS232/422/485.

**Touchscreen Options:** 5-wire Resistive, 3M Capacitive, Projected Capacitive.

**Non-Touchscreen:** Anti-Glare Protective Cover | **Options:** Toughened / laminated glass / PolyCarb protection

**Power Supply:** 90-265vAC Internal PSU with two stage noise & interference suppression filtering. Connection via an IP68 Sealed Bulgin connector | On/off switch with safe shut down feature- Controlled & safe shut down of Operating System when turned off. | 3mtr power cable | 12v, 24v & 48vDC Options.

**Housing:** Mild steel with an industrial black finish or brushed stainless steel. | **Options:** Specified RAL paint finish, Silk-Screened company logo, Sun Readable display.

**Mounting:** Desk or wall mounted using rear VESA fixing | Contact us for weights and dimension drawings.

**Approvals:** CE | Contact us for weights and dimension drawings. 2012.

## Build Options -

### -Metal Cased:

Fully encased for desk-stand or wall mounting on a suitable bracket. Rear VESA fixing. Painted Mild Steel or Stainless Steel housing.

## Warranty-

1 year return to base, full UK support.

## Contact us -

Nemacom Limited  
Unit 6, Morgans Business Park,  
Betty's Lane, Norton Canes,  
Cannock, Staffordshire, UK,  
WS11 9UU.  
www.nemacom.co.uk  
e : sales@nemacom.co.uk  
tel : 01543 495020  
fax : 01543 495021



**nemacom**  
interactive display solutions