

Digital signage install specification

Hardware blueprint and costings

This document sets out the hardware and installation specification for new digital signage installations on campus.

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A digital signage node consists of an appropriately sized and mounted display screen, computer with associated network and power installation. If necessary screens can be mounted some distance from the associated computer in which case CAT5/6 cabling and display and serial over CAT5/6 convertors can be used.

The signage software can work with a wide range of displays. The following configurations are tested and known to work, plus can be remote controlled by the system enabling power savings. Typical prices are provided for guidance based on March 2015 costs and specification:

Display options	Price (ex-VAT)	Notes
Option 1 - LG LG42WL30 42" commercial display	£730.00	5 year warranty
Option 2 - Sony FWD40W 40"	£594.00	5 year warranty
Option 3 - Phillips BDL65Q 65" commercial display	£2,016.00	5 year warranty
Option 4 - Phillips BDL4252E 42" commercial display	£798.00	5 year warranty

We can automatically power both the Sony and LG displays on/ off as needed using RS232.

Apple Mac Hardware	Price (ex-VAT)	Notes
Apple Mac-mini (1.4 GHz i5, 8Gb RAM)	£359.00	MTBF unknown. Current installs running 5-7 years.

Example Mounting	Price (ex-VAT)
Secure monitor mount with storage for Mac	£150.00
Larger mount for screens over 50"	£250.00

Example Mounting	Price (ex-VAT)
Cat 5E point	£100.00
Engineering and cabling	£250.00
Associated cabling/adaptors	£30.00
Sample Cost (inc. VAT) – LG 42"	£1950.00
Sample Cost (inc. VAT) – Phillips 65"	£3600.00