

Acorn Computers Ltd is one of the leading suppliers of network computer technology in the world today. With over 500 man years experience in developing for the ARM™ processor alone, Acorn has an unparalleled track record in developing low cost, high performance, networked solutions which do not require localised storage.

Acorn has experience in building highly specialised NCs in a variety of form factors, such as interactive television (low and high bandwidth), office based intelligent terminals, portables (PDA), fax and games systems.

Available today to shape your tomorrows

Acorn currently has a range of licensable technologies that provide time to market, feature and cost advantages to manufacturers, integrators and solution providers.

These technologies are designed for applications used in the home, office and whilst on the move and are designed to provide little or zero administration.

Acorn Core Technologies

Hardware Designs

Acorn is currently able to license extensive 'off the shelf' (see Acorn NetStation and Acorn 'Fast' NetStation etc) and 'concept' designs as well as providing modified designs on an individual customer basis.

Operating Systems

Acorn RISC OS is a stable, scalable, multitasking operating system which is designed to be run from ROM. As such it is ideal for embedded applications and can be 'enriched' as required with a choice of system wide extensions, network stacks and applications.

Acorn Applications

Acorn has an extensive range of applications which have been optimised for execution from ROM. This has the advantage of minimising RAM usage which allows more applications to be run at any given time. These applications include HTML 3.2 compliant web browsers with Java, Shockwave and a range of other plug-ins, MIME compliant email clients, newsreaders, word-processors and audio/video codecs.

Other Key Technologies

Acorn has a range of additional 'off the shelf' technologies which are available today. Also available is ASIC, product case and device driver design and development, as well as customisable user interfaces and applications. The following key Acorn technologies are currently available:

Acorn TVCentric

Acorn has developed a unique hardware/software solution which has resulted in some of the best TV based display technology available in the world today. This technology has been developed for NTSC and PAL configured television sets, provides anti-aliased fonts for high definition text and anti-twitcher software for stable text and image display on interlaced displays. Acorn's TVCentric technology is available with and without Acorn RISC OS, NCOS™ and hardware designs. See Acorn TVCentric datasheet for further details.

Acorn NetStation

The Acorn Netstation offers a completely functional network computer design, which incorporates a cost effective, highly integrated processor (7500FE). Acorn NetStation is provided with NCOS, a selection of filing systems, network stacks, graphical user interfaces and applications. Acorn NetStation can be provided with TVCentric or office oriented applications. See Acorn NetStation datasheet for further details.

Acorn 'Fast' NetStation

The Acorn 'Fast' NetStation provides the same benefits in terms of 'off the shelf' availability as the Acorn NetStation, but with the additional performance benefit of an integrated 200MHz Strong ARM processor. See Acorn 'Fast' NetStation datasheet for further details.

Acorn OfficeNC

The Acorn OfficeNC is based on Acorn 'Fast' NetStation and adds application compatibility (including web browsers, email, news, Telnet packages, wordprocessors and spreadsheets) for current users of UNIX or Microsoft Windows based systems through the use of a ROM based X Window support. See Acorn OfficeNC datasheet for further details.

Acorn NCLite

Acorn NCLite is a low cost network computer implementation which has been developed for use with RF feed based television sets, although support for SVGA monitors can also be supplied. Optional composite or S-Video connectors are also available together with stereo line jacks for audio support. NCLite is supplied with Acorn's TVCentric display technology and can be sourced with the same broad range of user interfaces and applications as other Acorn hardware designs. See Acorn NCLite datasheet for further details.

Acorn NewsPad

Acorn NewsPad is a portable, multimedia system with touchscreen input. IT is capable of achieving low (external and PCMCIA based modem) and high speed (Ethernet and IrDA) Intranet and Internet access. See Acorn NewsPad for further details.

