

Dealer Website:

<http://www.art.acorn.co.uk/SALES/DEALERS/PRIVATE/>

This website is there for your information. To access the website you will need your user name (this is your account number) and your password, if you don't know this email us at: ***DealerSales@art.acorn.co.uk*** with the subject line 'password' and we will promptly email your password to you:

This website is updated regularly and is full of useful information specifically to help our dealers and contains many free downloadable upgrades and patches:

20/20 Scheme:

We at ART feel that this finance scheme is not used to its full potential, therefore, we have enclosed some new updated information for you which we hope will assist you: However, without your feedback we can do nothing to help, all comments would be very helpful (on any subject). We strongly believe that the 20/20 scheme, put correctly and confidently to any hesitating customer (especially price objections) should have a positive effect.

Please let us know your views.

StrongARM Objections Sales Guide

The 200MHz StrongARM processor upgrade for the RISC PC is now in stock. If you have any doubting customers who are questioning whether to purchase a StrongARM upgrade, ask them these questions

- Not all software is compatible

Enclosed within this pack, the latest details regarding StrongARM compatibility: These details are updates regularly on the ART website.

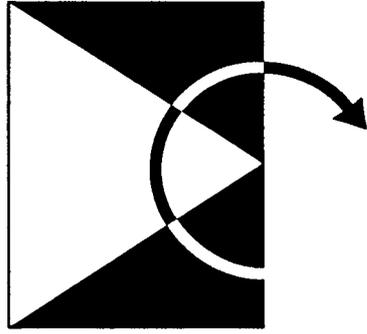
- Expensive

Five times speed increase, new updated operating system which includes all the benefits of RISC OS 3.60.

- Why no trade in?

The customer keeps the ARM610/710 card for complete software compatibility. This allows time for the software houses to update all their software.

**ACORN**  
**Risc**  
**TECHNOLOGIES**



**ACORN RISC TECHNOLOGIES**

# Acorn Risc Technologies 20/20 Finance Scheme



## What is the 20/20 Finance Scheme

The 20/20 Finance scheme is an Interest free credit scheme for selling Acorn products.

## What is it for?

An appointed Acorn dealer can sell our products through the 20/20 scheme with 0% interest free finance. The customer pays a 20% deposit, and the balance over a 20 month period ( *subject to min and max loan limits*)

## Who is it from?

The scheme is run by Acorn Computers Ltd through Chartered Trust plc

## What is the interest rate?

The interest rate is 0%.

## What does it cost me?

You will require a current valid consumer credit licence from the Office of Fair Trading. If you already have a licence then you need to contact Chartered Trust to register with them. If you do not have a licence then you must first contact the Office of Fair Trading.(see *below*)

## How much can my customer borrow?

The maximum amount allowed to borrow on this scheme is £3000.00 *inc VAT @ UK RRP*, and the minimum is £700.00 *inc VAT@ UK RRP*.

## How do I sign up?

You need to be registered with Chartered Trust to use this scheme. Contact Chartered Trust for further details. (see *below*)

## How long do I sign up for?

Once you are registered as an Acorn dealer and with Chartered Trust, you can use this scheme as long as you like or until we terminate the scheme.

## Why should I do it?

0% finance is a very powerful selling tool. As there is no cost involved to you, you have a major new selling tool to sell Acorn computers with.

## Do you have to do it?

No. You are not bound to do the 20/20 scheme, but it is good for sales!



### Contacts:

Office of Fair Trading

Consumer Credit Licensing Branch

Craven House

40 Uxbridge Road

London W5 2BS

Tel: 0171 269 8608

Chartered Trust plc

24/26 Newport Road

Cardiff

CF2 1SR

Tel:01222 476613

Sales Desk

Acorn Risc Technologies

Acorn House

645 Newmarket Road

Cambridge

CB5 8PB

Tel: 01223 577879

### Example:

1 x Acorn RISC PC 10MB 4x CD ROM with 17" monitor and 5x86 PC Card.

*Product Codes:*

ACB76A/AKF91/ACA57

*RRP (inc VAT)*

£2626.32

Less 20 % Deposit on £2626.32 = £2101.06

Deposit = £525.32

20 months payments at £105.05

Total repayments including deposit = £2626.32

If you have any further questions, please feel free to contact one of our sales team on 01223 577879

# StrongARM Compatibility

1st October 1996

## Alsystems Products

### PowerTec SCSI

The PowerTec DMA-capable SCSI card works on RISC OS 3.7 and StrongARM. A thorough test revealed no file locking and no data corruption. In speed tests, a system containing a drive which showed a transfer rate of 5099K / sec when reading and 231K / sec when writing using an ARM710 increased in throughput to 5739K / sec read and 2764K / sec write when fitted with a 169MHz StrongARM.

## ANT Products

### Internet Suite

Release 2 of the ANT Internet Suite does not work with StrongARM or RISC OS 3.7 as of 24/09/96. ANT have released an upgrade, details of which have been made available to registered users of the Suite, which should enable the suite to work; investigations here suggest that to be the case.

## Apricote Studios

### Prophet 2

Prophet 2 works on StrongARM, and typically runs 5 times faster than on an ARM710. In tests, it was able to load and parse a database containing records for over 3600 customers in just under 3 seconds.

### Shares 5

Shares 5 works on StrongARM, and typically runs 5 times faster than on an ARM710.

### Personal Accounts 3

Personal Accounts 3 works on StrongARM, and typically runs 5 times faster than on an ARM710.

## ARM Club Products

### SmartCD+

SmartCD+ v. 2.06 works successfully on StrongARM.

### TypeTutor

TypeTutor v. 2.03 works successfully on StrongARM.

### Game On!

A new version of Game On! is being written specifically for StrongARM, although the current release version will work. Games (and other applications) known to work using Game On! include:

- Stunt Racer 2000 (FedNet)

### StrongGuard

StrongGuard is an application which is intended for release at Acorn World 96, which will alleviate some of the problems which games (and other applications) can find when running on StrongARM which relate to its new Harvard cache architecture. The aim of StrongGuard is to allow selected applications to see a StrongARM which appears to have its cache disabled in selectable parts of memory, while minimising the associated speed penalty. Please don't contact the ARM Club to request further information on this application prior to Acorn World; they are very likely to be busy refining it for release!

Applications which work under an alpha version of StrongGuard include:

- Lemmings / Oh No More Lemmings bundle (Krisalis)
- CDSampler
- Dissi (BASS)
- Voyager Internet Suite (VTI)
- Dune II (Eclipse)
- Magnetoids
- Star Fighter 3000 (FedNet)

The following pieces of software need both Game On! and StrongGuard installed:

- Cycloids
- Ixoon

The lists above should extend significantly as more games are tested.

## Acorn Products

### Acorn C/C++

C/C++ essentially works on StrongARM; the changes required to make the C compiler (and the CFront C++ parser) work were confined to the shared C Library, which will be supplied in a new version as part of the RISC OS 3.7 ROM. ObjAsm also works, although not all of the extended ARM Architecture 4 instruction set is currently available via it; a useful tip if you need to gain access to the 64-bit multiply is to set the target CPU to ARM7M. A new version of DDT will be required for StrongARM code; a patch to update to this will be made available on the disc accompanying the StrongARM upgrade.

### Advance

Advance Release 2 can be patched to work on StrongARM. The patch, and instructions on how to apply it, can be downloaded.

## TCP/IP Release 2

The TCP/IP kit Release 2 essentially works on StrongARM; a new enhanced IP stack is provided in the RISC OS 3.7 ROM, although some of the apps require patching. Ivt220, for example, requires new protocol modules; these modules have been written, and will be supplied as a patch on the disc accompanying the StrongARM upgrade.

## OmniClient

### AUN Level 4

The Level 4 fileserver software requires a module update to work on StrongARM. It is intended that the appropriate module will be made available on the disc accompanying the StrongARM upgrade.

## PocketIPS

PocketIPS works on StrongARM, after applying a patch which will be supplied with RISC OS 3.7; file conversions are particularly fast.

## Aspex Products

### ArchTech

ArchTech works on StrongARM, and runs up to 5 times faster than on an ARM710.

### Tab+

Tab+ runs successfully on StrongARM.

### DaVinci 90

DaVinci 90 runs successfully on StrongARM.

### Spex+

Spex+ (and its associated environment libraries Spex Home, Spex Street, Spex Moonbase, Spex Classroom, Spex LeisurePool and Spex IT Room) runs successfully on StrongARM.

### VRMLEyes

The forthcoming VRMLEyes VRML renderer works on StrongARM. A demo version of this app will be supplied on the CD ROM accompanying the StrongARM upgrade.

Some early versions of Aspex products use self-modifying code during their initialisation sequence, so these versions will not work on StrongARM. If any of the products listed above exhibit this failure mode, contact Aspex for an upgrade.

## Assessment Technology

### Super Spell

Super Spell works on StrongARM. This program was tested after a show in Hobart, Australia; 'Super Spell' is a spelling program developed to assist users to improve their spelling through the use of word lists targeting specific spelling difficulties. It has been sold all around Australia and is to be released in the UK later this year.

## Balidon / ICS Products

### ArcIn

The ArcIn IDE module works successfully on StrongARM, and exhibits a speed increase of roughly 50%.

### IDEFS

The IDEFS filing system works successfully on StrongARM.

## Risc Developments Products

### Sleuth

Sleuth 1.53 works successfully on StrongARM.

### Sleuth 2

The file "kidsbook" as supplied with Sleuth 2 takes 72 seconds to convert on a Risc PC 700. It takes 20 seconds on StrongARM - at a conversion rate of 1,944 words per minute.

### Ovation Pro

Ovation Pro works on StrongARM; a picture run around the Dolphin image takes 9 seconds on a Risc PC 700, reduced to less than 2 seconds on a StrongARM. The installer has now also been updated.

### Masterfile 3

Masterfile 3 (v1.37) works on StrongARM.

### Hard Disc Companion

Hard Disc Companion (v2.55) works on StrongARM.

### TypeStudio

TypeStudio (v1.56) works on StrongARM.

### Desktop Thesaurus

Desktop Thesaurus (v1.24) works on StrongARM.

### PlayBack

PlayBack (all versions) work on StrongARM.

### ArcScan

ArcScan (v0.74) works on StrongARM.

### Chartwell

Chartwell (v1.17) works on StrongARM.

### DeskEdit

DeskEdit (v4.01) works on StrongARM.

### MenuBar

MenuBar (v1.00) works on StrongARM.

## Clares Products

### ProArtisan 2

ProArtisan 2 works successfully on StrongARM.

### Topographer

Topographer works successfully on StrongARM, exhibiting a very significant speed-up; it runs circa 10 times faster than on ARM710.

### NightSky

NightSky works successfully on StrongARM.

### Plot

Plot works successfully on StrongARM.

### Schema 2

Schema 2 works successfully on StrongARM, and recalculates significantly more quickly than on ARM710.

## Celebration

Celebration works successfully on StrongARM.

## CardShop

CardShop works successfully on StrongARM.

## Knowledge Organiser 2

Knowledge Organiser 2 works successfully on StrongARM.

### Titler

Titler works successfully on StrongARM.

### Sequencer

Sequencer works successfully on StrongARM.

### RhythmBed

RhythmBed works successfully on StrongARM.

### ScoreDraw

ScoreDraw works successfully on StrongARM.

### Render Bender 2

Render Bender 2 works successfully on StrongARM, and renders significantly more quickly than on ARM710.

### Illusionist

Illusionist works successfully on StrongARM.

### AlphaBase

AlphaBase works successfully on StrongARM.

### Armadaus

Armadaus works successfully on StrongARM.

### Composition

Composition 1.02 does not work on StrongARM; however, changes have been made which will enable a new release, provisionally 1.03, to work. Upgrade details will be made available by Clares.

### Serenade

Serenade 1.10 does not work on StrongARM; however, changes have been made which will enable a new release, provisionally 1.11, to work. Upgrade details will be made available by Clares.

### Virtualise

Virtualise 1.06 does not work on StrongARM; however, changes have been made which will enable a new release, provisionally 1.07, to work. Upgrade details will be made available by Clares.

## Colton Software Products

### Fireworkz Pro

Fireworkz Pro v1.20 works with StrongARM. Recalculation and graph plotting show significant speed increases, making these processes roughly 7 times faster than on a 40MHz ARM710.

### Wordz

Wordz 1.02 works on StrongARM.

### Resultz

Resultz 1.04 works on StrongARM.

## Computer Concepts Products

### Products which work - no upgrade required

- TV Tuner
- TV Tuner & Teletext
- Graphics Loaders
- RTF Loaders
- !Precision ArtWorks Tool
- AudioWorks
- Midi Max
- Formatlix

### Products for which Upgrades have been Produced

- ArtWorks
- ArtWorks CD
- Impression Publisher
- Impression Publisher Plus
- Impression Style
- ScanLight 256
- ScanLight Professional
- ScanLight A4
- TurboDrivers
- TurboD & LD network spooler
- LaserDirect
- Lark card
- Movie Magic
- WordWorks
- Compression
- Wacom tablet drivers

### Still being finished/not yet tested

- MacFS
- MacFS Light
- ScanLight Video
- GreyHawk
- Eagle card
- Chroma Genlock CG6
- ColourCard
- Hawk V9
- Site licence versions of Impression and ArtWorks
- ArtWorks clip-art CDs (!Portfolio)

## Cumana Products

### Cumana SCSI 2

Version 2.03 of the SCSI driver works successfully on StrongARM. Upgrades to 2.03 will be made available shortly from ftp.acorn.co.uk; a link will go in here once the software is available.

### "Oscar" Quad Speed Parallel Port CD ROM Drive

This drive and interface work successfully on StrongARM.

### ProTeus

The ProTeus drive works successfully on StrongARM in both MO and CD modes.

### Cumana SCSI 1

This card (as bundled with the Acorn Multimedia Expansion Unit for some time as CAO50) works on StrongARM.

### Quad Speed ATAPI CD ROM

This drive, and the associated Cumana ATAPI driver, works successfully on

	StrongARM.		with a StrongARM		instrument score extraction was over 5 times faster than on ARM710 and screen update was generally faster by a factor of five. Existing Sibelius users who wish to upgrade to StrongARM should contact Sibelius to obtain details of the production version of this software; a demo version will be appearing on the CD ROM accompanying the StrongARM upgrade.
<b>Dairiada Products</b>		<b>Desktop Fortran 77</b>	All the components of Desktop Fortran 77 (The compiler, the linker and the IFortran77 application) work with a StrongARM.		
<b>TableMate</b>	All tested versions of TableMate work successfully on StrongARM. Versions tested are 1.10, 1.10i (as bundled with Computer Concepts' Impression Style), 2.00m (representative of any 2.xx version) and 3.20a (representative of any 3.xx version).	<b>Iota Products</b>		<b>DataPower</b>	DataPower v 1.24 works successfully on StrongARM.
<b>TableMate Designer</b>	The forthcoming TableMate Designer (currently in beta, release scheduled for Acorn World '96) works successfully on StrongARM.	<b>Longman Logotron Products</b>		<b>Eureka</b>	Eureka versions 3.05 (new) and 3.00 work on StrongARM, roughly 5 times quicker than on ARM710.
<b>DiagramIt</b>	DiagramIt v. 1.10f works successfully on StrongARM.	<b>Pendown</b>		<b>Pendown 1.82 and 1.82T (aka Talking Pendown)</b>	work on StrongARM.
<b>GraphMate</b>	GraphMate v. 1.10c works successfully on StrongARM.	<b>WinLogo</b>		<b>WinLogo 1.28</b>	works on StrongARM, and runs significantly faster than on ARM710.
<b>ReTrevail</b>	ReTrevail v. 1.00a and 1.10c work successfully on StrongARM.	<b>Pendown DTP</b>		<b>Pendown DTP version 1.00i</b>	works on StrongARM.
<b>Desktop Projects Products</b>		<b>Speller</b>		<b>Speller 1.00</b>	(supplied as part of the Pendown DTP suite) works on StrongARM.
<b>QuickTile</b>	QuickTile v. 1.03 works successfully on StrongARM.	<b>Advantage</b>		<b>Advantage 1.00d</b>	works on StrongARM.
<b>QuickLynk</b>	QuickLynk v. 1.04 works successfully on StrongARM.	<b>First Logo</b>		<b>First Logo 1.99</b>	works on StrongARM.
<b>QuickSound</b>	QuickSound v. 1.00 works successfully on StrongARM.	<b>The Big Picture</b>		<b>The Big Picture 1.09</b>	works on StrongARM.
<b>QuickShow</b>	QuickShow v. 1.00 works successfully on StrongARM.	<b>"Look and Read" series</b>		The "Look and Read" application series (Spywatch, Sky Hunter, etc) work; these applications use v.1.02 of the "Look and Read" engine.	
<b>Dominic Symes Products</b>		<b>Rainbow</b>		<b>Rainbow 1.0g</b>	works with StrongARM, and exhibits a 10-fold speed increase over a 40MHz ARM710.
<b>Zap</b>	Zap 1.30 does not work "out of the box" on StrongARM; the problem lies with self-modifying code in the HidePtr module. If the RMEnsure in the IRun file which loads this module is commented out, then Zap will work. However, a new version (Zap 1.31) has been produced, which in addition to working "out of the box" on StrongARM, contains improved window redraw code. Zap 1.31 will be supplied on the CD ROM accompanying the StrongARM upgrade.	<b>PicturePoint</b>		<b>PicturePoint 1.03</b>	works with StrongARM, and exhibits a 5-fold speed increase over a 40MHz ARM710.
<b>Fortran Friends Products</b>	All our software has been tested on StrongARM. The only change needed is in the Utils library. Any program using this must be relinked with the updated version available from HENSA. Our example applications successfully tested are: the PD Fortran Front End and libraries, !WimpPoly, !SphereRot, !PGPLOT, !ORTEP, !LasyPrint and !BuckyDisc.	<b>PinPoint</b>		<b>Both PinPoint and PinPoint Junior (v.2.02c for both applications)</b>	work on StrongARM.
		<b>Insight</b>		<b>Insight 1.67</b>	works on StrongARM.
		<b>Zig Zag</b>		<b>Zig Zag (Anglo Saxons) v.1.05</b>	works on StrongARM.
		<b>Numbertime</b>		<b>Numbertime (Adventures in Numberland) v.1.03</b>	works on StrongARM.
		<b>"Landmarks"</b>		The "Landmarks" series of applications works on StrongARM; all these applications share a common engine.	
		<b>S-Base</b>		<b>S-Base 2.3</b>	launches and appears to work, however much further testing is required to ensure all its features function correctly. Discussions with the author suggest that the likelihood of their being any problems is very small.
		<b>LOOKSystems Products</b>		<b>Font Directory</b>	Font Directory has been modified to work with StrongARM; the forthcoming v2.10 and subsequent versions will be StrongARM-compatible. Version 2.10 also includes enhancements such as an automatic document scanning facility (preconfigured for use with Ovation, Impression and ArtWorks) and a "remote control" font menuing capability. Upgrades to v2.10 for v2 users are free of charge from LOOKSystems; users of v1.x will be able to upgrade for the LOOKSystems standard price of 30 pounds. Contact LOOKSystems for further details.
<b>Gnome Products</b>		<b>Archimedes Disc Rescue</b>		<b>Archimedes Disc Rescue</b>	works successfully on StrongARM.
<b>!X</b>	The !X X server runs approximately twice as fast as on a Risc PC 700.	<b>Meadow Computers / ACP Products</b>		<b>Enterprise Accounts</b>	Enterprise Accounts v2.17 requires a small patch to work on StrongARM; users should contact Meadow Computers for details of this patch.
<b>Guttorvik Products</b>		<b>Enterprise Professional</b>		<b>Enterprise Professional v2.17</b>	requires a small patch to work on StrongARM; users should contact Meadow Computers for details of this patch. Both Enterprise packages exhibit a significant speed increase; a "period end" run to print the document to a text file reduced from 11 minutes 30s (on a 30MHz ARM610) to 1 minutes 40s, and completed in 3 minutes 15s as opposed to 13 minutes 30s.
<b>StrongEd</b>	StrongEd 4.11 works on StrongARM; previous versions do not owing to problems with window redraw. This version will be supplied on the CD ROM accompanying the StrongARM upgrade; it is also available from <a href="http://login.cunet.no/~guttorvik/strong.html">http://login.cunet.no/~guttorvik/strong.html</a>	<b>PayMaster</b>		<b>Users of the PayMaster package</b>	should contact Meadow for upgrade details.
		<b>Easy Money</b>		<b>Easy Money 1.01</b>	requires a small patch to work on StrongARM; users should contact Meadow Computers for details of this patch.
<b>Keith Hall Products</b>		<b>Morley Products</b>		<b>SCSI card</b>	Both the cached and uncached versions of the Morley SCSI card with 1.17 firmware work on StrongARM.
<b>ArmBBS</b>	ArmBBS 0.68 works successfully on StrongARM.	<b>PEP Associates Products</b>		<b>CD-Net</b>	The CD-Net client application works on StrongARM. The server application is yet to be tested.
<b>ArcBinkley</b>	ArcBinkley 2.19 works successfully on StrongARM	<b>Sibellus Products</b>		<b>Sibellius 7</b>	A new version of Sibelius 7 exists which runs successfully on StrongARM, at a speed significantly higher than on a Risc PC 700; using a sample of a Grieg concerto, single-
<b>ArchMail</b>	ArchMail requires an upgrade to version 1.36; this upgrade is available from the Plasma Sphere BBS on 01925 757920				
<b>Icon Technology Products</b>					
<b>TechWriter</b>	TechWriter v. 2.07 and 2.16 work successfully on StrongARM, and exhibit a speed increase of roughly 5 times over 40MHz ARM710.				
<b>EasiWriter</b>	EasiWriter 3.16 works successfully with StrongARM.				
<b>Irlam Instruments Products</b>					
<b>RiscTV</b>	The RiscTV card works successfully on StrongARM.				
<b>VideoDesk</b>	The VideoDesk card works successfully on StrongARM.				
<b>2416</b>	The 2416 digitiser card works successfully on StrongARM.				
<b>ReplayDIY</b>	The ReplayDIY software works successfully on StrongARM.				
<b>Intelligent Interfaces Products</b>					
<b>Dual High Speed Serial</b>	Using the current version of the IIDual module (V3.72) the Dual High Speed Serial Interface works with a StrongARM				
<b>IEEE488</b>	Using the current version of the IEEE488 module (V1.04) the IEEE488 Interface works with a StrongARM				
<b>16 Bit Parallel I/O</b>	Using a new version of the 16BitPIO module (V1.03) the 16 Bit Parallel I/O Interface works with a StrongARM				
<b>STEBus</b>	Using the current version of the STEBus module (V1.10) the STEBus Interface works				

For the latest version of this list check <http://www.art.acorn.co.uk/hotstuff/sacompat.html>