



StrongARM

ART has launched a StrongARM Clan priority and upgrade scheme which operates as follows:

Clan members may place priority orders for StrongARM by sending a deposit cheque to Clan Acorn now. As soon as product is available the customer is invoiced the full amount: There is no discount price for the product; the incentive for the Clan member is to ensure priority allocation of stock.

The end-date for the above Clan offer is 19th May (the date of the Wakefield Acorn Spring Show):

At the Wakefield Spring Show dealers may hand out order forms on Acorn's behalf by photocopying the enclosed StrongARM letter; the customer may then pass this to Acorn Direct for priority allocation (they do not need to be a Clan member). Dealers going to the show may like to put their dealer stamp on the forms prior to taking them to the show to ensure their nomination.

Customers who buy a Risc PC between 19th May and the end of June will receive a voucher enabling them to buy StrongARM from Acorn Direct at the special price of £99 plus VAT - and remember, the Risc PC is available on 20/20 Finance, and the price of the StrongARM upgrade can be included as part of the Customer's purchase.

On all sales of StrongARM made before the product becomes generally available to dealers, ART will make a payment of £35 to dealers who are nominated by the customer - you will see that the order form requests a dealer nomination. Payment will be made as a credit into your account:

As soon as product becomes freely available, later in the Summer, you will be able to place your orders for new customers in the usual way.

Contact numbers for ART: Sales: 01223 577834

Sales Fax: 01223 577935

Product Support: 01223 577876

Fax: 01223 577976

NB: the above scheme applies to non-education sales only.

StrongARM Offer to Clan Members



A 'Special Offer First' for Clan Members

This is your chance to be 'first' to acquire the StrongARM processor upgrade for the Risc PC, as soon as it becomes available in late summer. Reserve your guaranteed place at the front of the delivery queue by ordering now, but hurry, your priority place can only be *reserved* until May 19th 1996.

The performance improvement offered by StrongARM is staggering; opening and manipulation of windows is near-instantaneous, and with the 350k Dhrystones (equivalent to roughly 200 D-MIPS) of throughput which StrongARM delivers, the speed of all applications is dramatically improved.

By way of example, the timings below should give an indication of the typical improvement possible; as the system is still being optimised, it is likely that these results will be improved further in the production unit.

System: Risc PC motherboard, 8Mb 70ns DRAM, 2Mb VRAM

Application: !Draw

Screen resolution: 800x600x32 thousand

Operations:

1. Interpolate 200 figures between two differently-coloured, closed, filled Bezier curves bounded by a black perimeter line
2. Change the colour of the bounding line on all 202 curves to transparent
- 3: Rotate the figure formed by the 202 grouped curved by 27.5 degrees

Operation

Time to perform (seconds)

ARM710 40MHz

StrongARM SA-110 200MHz

1	38.0	5.2
2	15.0	2:6
3	19.7	3:7

StrongARM upgrade Specification and Compatibility

The ART StrongARM upgrade card will be fitted with a 200MHz SA-110, and can be installed in any Risc PC as a direct replacement for the existing ARM610 or ARM710 card. The new card will ship with a ROM set and a disc image containing a new StrongARM-aware version of RISC OS; this version will contain all the features of RISC OS 3.6, along with other improvements. PC Card compatibility should not be affected. The combined bundle of card and OS will ship for the special

The Clan priority scheme allows members to place a deposit of £50 on an upgrade before the existence of the upgrade bundle is announced to the general public; this announcement will be made at the Wakefield Acorn Spring Show on May 19th 1996. To place a deposit and claim your priority reservation, complete and return the form overleaf.



We will inform all Clan priority purchasers shortly before the first production-version cards become available, and these cards will then be sent only to those members who paid their deposit before May 19th 1996, on a 'first-paid-deposit, first-served' basis. Once all the early priority purchasers have their cards, only then will we begin to ship cards to members of the general public.

If you do not yet own a Risc PC, there is no cause for concern; we are also introducing an upgrade for all new Risc PCs bought after May 19th 1996, so that the bundle can be purchased at the guaranteed price of £99+VAT at the same time as the machine.

To ensure that you have sufficient local after-sales support for your upgrade, please nominate the Acorn Centre of Technology (or other dealer of your choice) when you place your order, so that we may fund them appropriately.



StrongARM Priority Order Form

Title Dr ☐ Mr ☐ Mrs ☐ Ms ☐

Name

Address

.....

.....

Postcode

Country

Please supply my StrongARM SA-110 with priority delivery – Total price £249 plus VAT.

I enclose a cheque ☐ Postal Order ☐ for £50.00 (as a priority deposit) made payable to 'Clan Acorn'.

If paying by credit card please complete the following:

Credit card type (please tick as appropriate) Access ☐ Visa ☐

Card no Amount £..... Expiry date

Name shown on card (if different from above):

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Address

.....

.....

Postcode

Signature

Date

Nominated Acorn Centre of Technology or dealer, for support funding

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Post to: Clan Acorn
StrongARM Priority
13 Denington Road
Wellingborough
Northants
NN8 2RL