

# NEWS RELEASE

## ARM GRAPHICS LIBRARY EXCLUSIVELY FOR A600GS

Cardiff, 9<sup>th</sup> March 2024

**AmigaKit Ltd is pleased to announce an important software development for the forthcoming A600GS computer system. The new ARM Graphics Library is pre-installed accelerating the performance of AmiBench and 68K applications.**

The **ARMgraphics.library** was created by AmigaKit's in-house developer to bypass the bottleneck of the 68K graphics functions. It accelerates graphics rendering performance in applications.

**AmiBench** is pre-installed on the **A600GS** computer system. It opens the desktop environment in high resolution 1080p with True Colour icons. Now it can use the new **ARM Graphics Library** for various purposes including faster rendering of windows, icons and backgrounds.

Third party developers can take advantage of this library by using it's powerful functions from their 68K application. It also offers an opportunity for 68K games developers to enhance their games with faster graphics rendering.

The library provides a link between 68K programs and the native ARM processor.

Further work is underway to patch 68K system graphics functions so older applications that are not written to use the **ARM Graphics Library** can benefit.

AmigaKit has developed **AK-Datatypes**, **Picture Datatype** and **Datatypes Library** over the many years for the **Enhancer Software** on **X5000**, **X1000** and **A1222+**. These have been compiled for 68K to run on the **A600GS**, In addition these system components can also be accelerated by the **ARM Graphics Library** for extra performance.

```
Shell
New Shell process 7
7.DH0:> version file Libs:ARMgraphics.library full
ARMGraphics.library 46.5 (03/07/24)
Copyright (c) AmigaKit Ltd.
7.DH0:>
7.DH0:> version file Libs:datatypes.library full
datatypes.library 46.26 (03/03/24)
46.26.0+m68k-040 Copyright (c) 2020-2024 AmigaKit Ltd
7.DH0:>
7.DH0:> version file SYS:Classes/Datatypes/picture.datatype full
picture.datatype 46.12 (03/03/24)
Copyright (c) 2024 AmigaKit Ltd
7.DH0:>
```

The **A600GS** computer system is due for launch in the second quarter of 2024.

Additional Information about **A600GS**, **AmiBench** and it's components can be found on these websites:

A600GS: [www.a600gs.com](http://www.a600gs.com)

AmiBench: [wiki.amiga.org/amibench](http://wiki.amiga.org/amibench)



**A600GS**

**AMIGA-KIT**  
amigakit.com

# AmiBench on the A600GS



*AmiBench V46.1 is pre-installed ready to run on the A600GS.*

*Shown here with the latest ARM Graphics Library, Datatypes Library and Picture Datatype*

