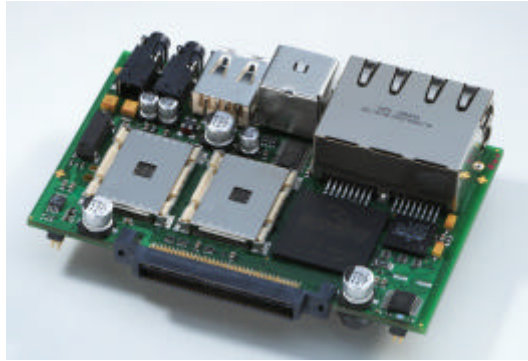


## 1/2 GHz 600 MIPS Server on a Bank Card

Leading Edge System Integration and Computing Performance at the Lowest Power Consumption.

### System



### Processor

AMD Alchemy™ Au1500 MIPS32™-based System-on-Chip provides 500 MHz operating frequency >600 MIPS computing performance.

### Interfaces & Features

2 x 10/100 Mbit Ethernet  
2 x Serial Interface RS232  
PCI 2.2 Initiator and Target at 66 MHz  
Watchdog, Wake-up via I/O  
Very Low Power Consumption

USB Host & Device  
Stereo Audio in & out (AC97 Codec)  
Compact Flash Port  
On-Chip Debug EJTAG

### Memory

64 Megabyte or 128 Megabyte (2 x 256 Mbit or 2 x 512 Mbit)  
16 Mbyte (2 x 64 Mbit AMD NOR or MirrorBit™ Flash)  
Coming soon: 32 Mbyte and 64 Mbyte (2 x 128 /256 Mbit AMD MirrorBit™ Flash)

### Software Support

Linux and QNX BSPs are available soon and will be directly supported by **mycable**. The system is compatible to run WindowsCE, VxWorks and other operating systems.

### Markets

Target markets are small routers, wireline and wireless networks, SoHo applications, home entertainment, travel infotainment, industrial control, evaluation-, development and reference systems and various more in the area of high-end embedded systems.

### Future Products

A 2D/3D graphic accelerator card with the same form factor is currently under development with DVI, VGA and TV out and two composite video inputs.

Furthermore a micro cabinet for 1 and 3 boards will be available with additional I/Os.

Customer specific variants are available on request.

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#### mycable GmbH

Boeker Stieg 43  
D-24613 Aukrug, Germany  
Tel. +49 4873 901 954  
Fax +49 4873 901 976  
Email [info@mycable.de](mailto:info@mycable.de)  
Web [www.mycable.de](http://www.mycable.de)

## System Solutions for the Next Generation of Embedded Multimedia Systems

Consulting, R&D Engineering Services and Product Development for High-End RISC-based Systems

### mycable

**mycable** is an R&D company focused on embedded multimedia system development based on high-end 32/64 bit RISC microprocessors, embedded graphic accelerators and video controllers. We perform consultancy, R&D engineering services and product development.

### Our Mission

Our mission is providing solutions to solve today's problems of embedded multimedia system development. The requirement in all application areas is a shorter TTM vs. exponentially increasing complexity on all levels of system development. With our services, modular and flexible design kits and reference platforms we help you to:

- Evaluate key system components rapidly
- Speed up system development
- Start hardware and software development in parallel on a wide base
- Reduce development costs significantly
- Establish a unitized, effective way of embedded multimedia system development

### Consultancy

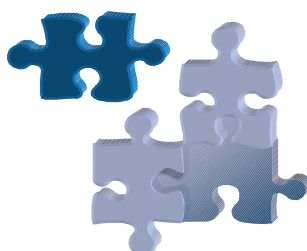
- Embedded Multimedia System Architecture Consultancy
- Application Specific Benchmarking, Market Analysis, Benchmark Model Development
- System-on-Chip Platform Concepts
- Customer Specific Trainings and Vendor Independent Technology Overviews (e.g. High-End RISC Processor Architecture, Cores and Standard Products)

### R&D Services

- System Specification and Verification
- HW/FPGA/SW System Development
- Development of Device Drivers, Embedded Linux, QNX, and other Software
- Project Management

### Products

- Modular and Flexible Design Kits and Reference Platforms
- Highest Performance and Integration at Lowest Power Consumption and Cost
- Customer Specific Derivation Services



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#### mycable GmbH

Boeker Stieg 43  
D-24613 Aukrug, Germany  
Tel. +49 4873 901 954  
Fax +49 4873 901 976  
Email [info@mycable.de](mailto:info@mycable.de)  
Web [www.mycable.de](http://www.mycable.de)