

**BARIX**

**MAKE  
YOURSELF  
HEARD!**

OEM Product Overview

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# IP AUDIO MODULES IPAM

Versatile embedded IP Audio modules for OEM Applications.



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## IP Audio Module 102

full I/O and codec/DSP capabilities, two serial ports, versatile digital I/O, Encoding/Decoding, 5V supply



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## IP Audio Module 300

low cost version with limited feature set, one serial port, digital I/O, Decoding only, 3.3V supply



**NEW** Linux based

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## IP Audio Module 390

universal, standalone, Linux based IP Audio function block, which can be easily embedded into OEM products. Supporting a vast range of protocols, codecs and interfaces and providing on board memory and real time clock, the module can be used for both VoIP and IP paging as well as high quality music distribution and IP music streaming and store and play applications.

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# QINO MULTI PURPOSE MODULE



**NEW** Linux OpenWrt

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## Qino

Multi-purpose wireless enabled module built around the MT7620A Mediatek processor and the OpenWrt OS. Users can take advantage of the OpenWrt software integration and of the high performance CPU to effortlessly deploy wireless, security and VOIP applications.

- 2x USB 2.0, Wi-Fi 802.11 b/g/n, 4x LAN and 1x WAN (10/100), IPv6 capable, available with 16MB SPI Flash, 64MB DDR2 RAM or with 32MB SPI Flash, 128MB DDR2 RAM
- OpenWrt OS, 2-year warranty, Developed in Switzerland, manufactured in the EU

# UNIVERSAL I/O DEVICE SERVER



**NEW** Linux  
OpenWrt

## Barionet 1000

Linux/OpenWrt based universal,  
fully programmable I/O device server.

- 2 USB Host Ports
- Wi-Fi 802.11 b/g/n
- IPv6 capable
- Full user programmable
- Versatile I/O
- Classic Barionet Din-Rail Case
- 2-year warranty
- Developed in Switzerland
- Manufactured in the EU

Possible applications:

- Access Control/Door controller
- Environmental monitoring, logging and alarming
- Contact closure monitoring
- PV power management
- Temperature monitoring, logging and HVAC control

# OpenWrt

Wireless Freedom

[Development](#) [Documentation](#) [Downloads](#) [Wiki](#) [Forum](#)

### What is OpenWrt?

OpenWrt is described as a Linux distribution for embedded devices.

Instead of trying to create a single, static firmware, OpenWrt provides a fully writable filesystem with package management. This frees you from the application selection and configuration provided by the vendor and allows you to customize the device through the use of packages to suit any application. For developer, OpenWrt is the framework to build an application without having to build a complete firmware around it; for users this means the ability for full customization, to use the device in ways never envisioned.

[www.openwrt.org](http://www.openwrt.org)

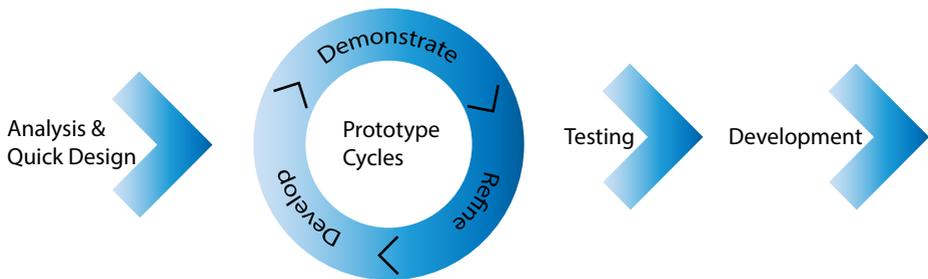
[www.barix.com](http://www.barix.com)

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# BARIX PROFESSIONAL SERVICES

While reliable hardware and flexible programming go a long way to serving an installation, sometimes you need that extra lift to bring the best out in each project. This is just one reason why Barix Professional Services was established.

The Barix Professional Service team brings more than 15 years of experience in audio, paging, VoIP and intercom application software and product development. Our reason for existing is to help shorten your time to market by providing fast, cost-effective and robust development services, and to deliver solutions tailored to your needs.



Barix Professional Services include software/firmware customization of Barix OEM and standard products as well as customized hardware developments. Whether developing a RAVA compatible door station interface for Crestron, a tunnel radio solution for Tiefbauamt Graubünden Switzerland or an OEM IP Audio Interface for Fortune 500 company Robert Bosch GmbH, Barix has always been successful in providing faster ways to market at very attractive cost.

Our in-depth industry and technical experience brings exceptional value to any project, and our team is fully committed to delivering robust solutions within scope, time and cost. Engage with Barix Professional Services today to discuss how we can efficiently fill the gaps in your product portfolio, and accelerate your time to market.

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## BARIX

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