

SEGGER connects Embedded Systems to LAN or Cloud through USB host interface

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SEGGER introduces [emUSB-Host LAN](#) that connects any embedded system to a LAN or Internet using nothing more than a spare USB host socket. Using readily available USB to Ethernet adapters, in-field devices without network hardware can be enhanced with network connectivity using SEGGER software.

emUSB-Host LAN supports USB-to-LAN adapters using software plug-ins. SEGGER offers immediate availability of plug-ins for adapters that use ASIX AX88772/A/B chipsets and for any adapter that conforms to the standard CDC-ECM class or Microsoft's RNDIS specification. Smartphone tethering interfaces usually conform to the RNDIS class. With USB tethering, the embedded system can connect to the Internet, for instance through a service technician's mobile phone, wherever a cellular connection exists.

Due to the very low memory usage emUSB-Host LAN will run on many microcontrollers without requiring additional external memory.

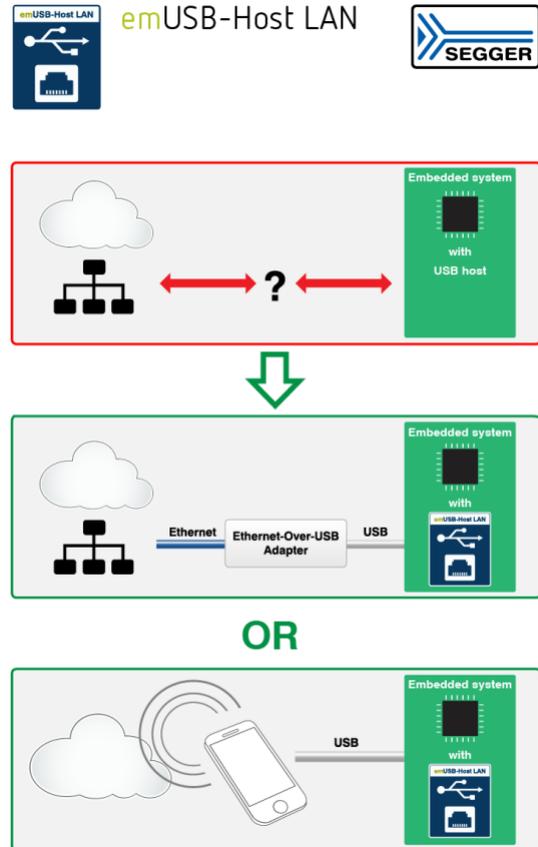
"With the continuous addition of new classes, our [emUSB-Host](#) enables PC-like USB support for embedded systems, while retaining the low memory footprint imposed by typical microcontrollers. Adding support for LAN adapters to our USB host stack enables numerous use cases: whether it is a service technician who can configure and manage an embedded system with just his smartphone and a web browser or an embedded system that can be remotely managed by simply asking the customer to connect it to the Internet", says Dirk Akemann, Marketing Manager at SEGGER.

To obtain more information about emUSB-Host LAN or to download the trial version, please go to: <https://www.segger.com/products/connectivity/emusb-host/add-ons/lan/>

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About SEGGER

SEGGER Microcontroller is a full-range supplier of software, hardware and development tools for embedded systems. The company offers support throughout the whole development process with affordable, high quality, flexible and easy-to-use tools and components. SEGGER offers solutions for secure communication as well as data and product security, meeting the needs of the rapidly evolving Internet of Things (IoT). The company was founded by Rolf Segger in 1992, is privately held, and is growing steadily. Headquartered in Germany with US offices in the Boston area as well as Silicon Valley and distributors in all continents, SEGGER offers its full product range worldwide. For additional information, visit: www.segger.com





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