

October 18, 2022



# MaxLinear teams with prpl Foundation for Open Service Platform featuring its AnyWAN™ Broadband Chips running prplOS

- *Highly-scalable AnyWAN™ gateway solution paired with open source prplOS provides a unified, flexible carrier-grade gateway solution*

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear, Inc. (NASDAQ: MXL) today announced the availability of the MaxLinear AnyWAN™ Open Service Platform running prplOS. The company will showcase its powerful capability at the prpl Summit held on 20 October and at Broadband World Forum (BBWF) in Amsterdam (18 – 20 October – Exhibition Stand B-16.)

This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20221018005586/en/>



Based on the company's newest generation of broadband SoCs - the AnyWAN™ series - and prpl Foundation's latest prplOS middleware, this combined solution gives a ready-made platform for prpl members to develop robust carrier-grade gateway solutions that are highly scalable, independent, and

MaxLinear AnyWAN Open Service Platform Running prplOS (Photo: Business Wire)

highly adaptable to numerous WAN and LAN technologies.

Operators in the prpl Foundation strive to get a common middleware enabling their innovative apps and services to run on multiple hardware platforms. The MaxLinear Open Service Platform is a development kit for operators as well as for hardware and software developers. It streamlines various target applications onto a single platform, simplifies

development, thereby providing more flexibility in design and a faster time to market. Developers and operators will now have the ability to easily test multiple services before customizing their own AnyWAN™-based platform.

“The focus of the prpl Foundation and all of our contributors is to provide reliable and secure CPE devices that drive innovative in-home services to the consumer through industry collaboration on an open-source platform,” said Randy Zimler, member of the prpl Foundation Board of Directors. “MaxLinear serves as a significant prpl community contributor and SoC provider that values the portability and power of an open-sourced software solution.”

“With prplOS we are able to abstract gateway platforms and focus on the services we are offering to our customers,” said Wojtek Makowski, Director CPE Ecosystem at Orange and a member of the Board of Directors of the prpl Foundation. “The time to deploy new services and hardware is thus significantly reduced. We are happy to have MaxLinear integrating and releasing their Open Service Platform as an additional next-gen solution to prplOS.”

“MaxLinear is dedicated to partnering with our customers to revolutionize how people connect through engineering innovation,” said Will Torgerson, vice president and general manager, Broadband group for MaxLinear. “The challenge for the telecommunications industry is bringing that innovation to market quickly. Working with the prpl Foundation on this powerful open-source hardware development platform gives developers and operators the tools they need to easily develop and test multiple services.”

### **About the AnyWAN™ Open Service Platform**

The AnyWAN™ Open Service Platform is a Hardware Design Kit (HDK) that comprises a ready-made broadband gateway for both ethernet gateways as well as XGS-PON fiber home gateway units (HGU). The hardware includes:

- XGS-PON
- 10G Ethernet WAN and LAN
- 2.5G Ethernet
- Triple Band Wi-Fi 6E
- USB 3.2 Gen2 Type-C

The platform runs prplOS and is capable of fully offloading its data traffic and includes a powerful CPU to run multiple operator services, including the prpl Life Cycle Management (LCM) of containerized apps and services. In addition, MaxLinear provides access to a git repository feeding into prplOS and the entire solution is included in the prplOS Continuous Integration (CI) process. The Open Service Platform will be available as two different hardware development kits through MaxLinear distributors, such as Mouser and DigiKey. (URX851-HDK-3 with a commercial industrial design housing and URX851-HDK-4 with perspex plate housing). The software is accessible via prpl and MaxLinear git repositories.

### **About AnyWAN™ SoCs**

The AnyWAN™ series SoC devices are multi-gigabit service-rate home routers and gateway chips that offer multiple 10G and 2.5G high-speed interfaces, high-performance packet accelerators, and embedded Intel® Atom™ CPU cores. The SoCs bring 10G service-rates

into users' homes. This platform spans a wide range of value tiers and WAN technologies such as PON fiber ONUs, DOCSIS cable, Ethernet, 5G fixed wireless access (FWA), DSL or G.fast. Developers get access to a versatile hardware and Software Development Kit (SDK) for multi-gigabit home gateways with 10G PON, 10G Ethernet WAN and LAN, 2.5G Ethernet WAN and LAN, DSL or G.fast, Voice FXS, USB 3.2, as well as tri-band Wi-Fi 6E R2 and Wi-Fi 7.

In a related release, MaxLinear and SoftAtHome also announced that the companies are partnering on a prpl Life Cycle Management Solution for home gateways.

### **About MaxLinear, Inc.**

MaxLinear, Inc. (NASDAQ: MXL) is a leading provider of radio frequency (RF), analog, digital and mixed-signal integrated circuits for access and connectivity, wired and wireless infrastructure, and industrial and multimarket applications. MaxLinear is headquartered in Carlsbad, California. For more information, please visit [www.maxlinear.com](http://www.maxlinear.com).

AnyWAN™, MxL and the MaxLinear logo are trademarks of MaxLinear, Inc. Other trademarks appearing herein are the property of their respective owners.

### **About the prpl Foundation**

The prpl Foundation is a collaborative community dedicated to open-source and open-APIs, focusing on carrier-grade software for Broadband Customer Premise Equipment (CPE) as specified by Operator members. prpl Foundation brings together Service Providers, OEMs, system integrators, chip vendors, and application developers to harmonize home network architecture, then commonize a reference implementation of standardized open-source infrastructure built atop Open-APIs. prpl enables a service delivery ecosystem including innovative third-party applications that can be quickly and easily deployed across different CPE platforms.

### **Cautionary Note About Forward-Looking Statements**

This press release contains "forward-looking" statements within the meaning of federal securities laws. Forward-looking statements include, among others, statements concerning or implying future financial performance, anticipated product performance and functionality of our products or products incorporating our products, and industry trends and growth opportunities affecting MaxLinear, in particular statements relating to MaxLinear's AnyWAN Open Service Platform and AnyWAN series SOCs, but not limited to, with respect to the anticipated size of the home gateway markets, and the functionality, performance, integration and benefits of use of such products, as well as MaxLinear's partnerships with the prpl Foundation and SoftAtHome. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from any future results expressed or implied by these forward-looking statements. We cannot predict whether or to what extent these new and existing products will affect our future revenues or financial performance. Forward-looking statements are based on management's current, preliminary expectations and are subject to various risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. Forward-looking statements may contain words such as "will be," "will," "expect," "anticipate," "continue," or similar expressions and include the

assumptions that underlie such statements. The following factors, among others, could cause actual results to differ materially from those described in the forward-looking statements: intense competition in our industry and product markets; risks relating to the development, testing, and commercial introduction of new products and product functionalities; the ability of our customers to cancel or reduce orders; uncertainties concerning how end user markets for our products will develop; our lack of long-term supply contracts and dependence on limited sources of supply; potential decreases in average selling prices for our products; impacts from public health crises, such as the Covid-19 pandemic, geopolitical conflicts, such as the military conflict in Ukraine and related sanctions against Russia and Belarus, or natural disasters; and the potential for intellectual property litigation, which is prevalent in our industry. In addition to these risks and uncertainties, investors should review the risks and uncertainties contained in MaxLinear's filings with the United States Securities and Exchange Commission, including risks and uncertainties arising from other factors affecting the business, operating results, and financial condition of MaxLinear, including those set forth in MaxLinear's most recent Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K, as applicable. All forward-looking statements are qualified in their entirety by this cautionary statement. MaxLinear is providing this information as of the date of this release and does not undertake any obligation to update any forward-looking statements contained in this release as a result of new information, future events, or otherwise.

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**MaxLinear Inc. Press Contact:**

Matthew Lea

Marketing & Public Relations

Tel: +1 760-415-2529

[mlea@maxlinear.com](mailto:mlea@maxlinear.com)

**MaxLinear Inc. Corporate Contact:**

Will Torgerson

Vice President & General Manager of the Broadband Group

Tel: +1 760-692-0711

[wtorgerson@maxlinear.com](mailto:wtorgerson@maxlinear.com)

**Prpl Media Contact:**

[press@prplfoundation.org](mailto:press@prplfoundation.org)

Source: MaxLinear, Inc.