

# SUB-U Cisco ESR6300 EC

## Cisco ESR 6300 IP Router

Following Cisco's launch of the new Embedded Service Router 6300, Sub U Systems has developed the **ESR6300 Executive Communications (ESR6300 EC)** device. The SUB-U ESR6300 EC is a small, rugged, low power yet high performance enterprise class IP router targeted at applications where customers seek Cisco's IOS-XE operating system for IP packet routing needs in operational environments



that demand rugged hardware. Cisco IOS-XE contains all the original capabilities of the legacy Cisco IOS yet brings the next generation of Cisco capabilities such as SD-WAN functionality and support for cellular modems for WAN transport. The SUB-U ESR6300 EC has been designed to be the smallest ESR6300 product in the market, so small it can fit in the palm of your hand. Although small, the SUB-U ESR6300 EC comes packed with capabilities and has been designed to provide a level of ruggedization that is ideal for use in industrial or military applications that demand extreme temperature, shock, vibration and high MTBF support. SUB-U's ESR6300 EC offers two (2) Gigabit WAN interfaces, four (4) Gigabit switched LAN interfaces, and all LAN interfaces offer 802.3at PoE. The ESR6300 EC offers removable boot media as well as Cisco "zeroize" functionality, making the ESR6300 EC ideal for use in high risk of overrun applications. The SUB-U ESR6300 EC IP router weighs less than 3lbs, with a size of 1" tall by 5" wide by 7.5" deep, has no rival and is the smallest rugged Cisco ESR6300 product available currently.

- ◀ Cisco IOS XE, including SD-WAN capability (optional)
- ◀ Wide Range Dirty DC input, 9-32 VDC
- ◀ (2) Gigabit WAN interfaces and (4) Gigabit LAN interfaces
- ◀ Small and pocket sized, 1" tall, by 5" wide, by 7.5" deep
- ◀ Pairs perfectly with other SUB-U EC products

The SUB-U ESR6300 EC is part of SUB-U's new Executive Communications product portfolio, which has been designed by SUB-U from the printed circuit board up to meet the demands of military, government, and other industries that require robust, high performance IP networking and IT functionality in the most austere of locations. For customers who need to communicate wherever and whenever, there has never been a product family as small, durable, flexible and scalable as the SUB-U EC products. SUB-U's EC products include the SUB-U Software Definable Networking – Appliance™ (SDN-A™) EC, the SUB-U Cisco ESS3300 Router EC, the SUB-U PSU/UPS EC, the SUB-U Cradlepoint IBR-900 EC and several additional EC products; to include: RoIP technologies, video encoders/transcoders, high performance compute in support of AI/ML applications, and a designed from scratch chassis system. Give us a call or reach out to us via the web at [Sales@SUB-U.com](mailto:Sales@SUB-U.com) for more information or to request a demonstration.



# SUB-U Cisco ESR6300 EC

## Cisco ESR 6300 IP Router

Sub U Systems' Executive Communications (EC) family of devices usher in the next generation of small, rugged, scalable tactical edge of network use IP networking and computing solutions. The SUB-U EC devices have been designed from scratch, from the printed circuit board up, and engineered with over a thirteen years of customer input and requirements collection. Whereas other companies may produce perceived comparable solutions, only SUB-U's EC devices have been designed in modern times, in modern appliance form factors, using state of the art electrical engineering design tools and methodologies. The SUB-U EC products are on the leading edge of what is possible in the deployable communications electronics market. They are smaller, lower power, higher performing, more rugged, easier to use, easier to transport, more flexible in how they can be packaged or kitted, and the most scalable deployable communications in the market today. Instead of settling for the rest of what the market offers, insist on the best of what exists for your tactical edge of network deployable secure communications and computing needs.

SUB-U Executive Communications (EC) devices offered are:

- ◀ Software Definable Networking – Appliances™
- ◀ Cisco Ethernet switches
- ◀ Juniper SD-WAN solutions
- ◀ Power supply/uninterruptable power supplies
- ◀ High performance compute (Xeon D and C3000)
- ◀ Low power/high CPU core NVIDIA based appliances for AI and machine learning applications
- ◀ More EC devices will be coming in 2022
- ◀ Cisco routers & VPN gateways
- ◀ Aruba Mobility controllers
- ◀ Haivision video transcoders
- ◀ Radio over IP appliances
- ◀ Cellular/wireless routers

Contact SUB-U for the next generation of military grade communications products and solutions at [Info@SUB-U.com](mailto:Info@SUB-U.com).

