

DATASHEET

# XC-3300

## Cisco ESS 3300 Ethernet Switch

The EC Cisco Embedded Service Switch 3300 (XC-3300) Ethernet switch is part of the Expeditionary Communications product family, providing high performance Ethernet switching capabilities in a small and robust device for use anywhere and anytime, even in the most austere of locations. The XC-3300 level of ruggedization is ideal for use in industrial or military applications that demand extreme temperature, shock, vibration and high MTBF support. The XC-3300 offers two (2) ports of 10 Gigabit Ethernet and eight (8) ports of gigabit Ethernet, and runs Cisco's IOS XE operating system.



Cisco's IOS XE offers the familiar Cisco CLI and web-based GUI configuration, and supports the security, management, resiliency and switching features users have come to expect from Cisco. The XC-3300 has support for Power over Ethernet (PoE / 802.3at), providing enough PoE for VoIP telephones, VTC devices and IP cameras that may require up to 30 watts of power.

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The XC-3300 switch is a Layer 2 switch, and has support for some Layer 3 routing technologies when licensed with Cisco Network Advantage licensing. The XC-3300 also includes support for Cisco's MACSec implementation, which can be used as part of an NSA CSfC Comprised Solution. .

- 1. Cisco IOS XE, including Layer 2 and Layer 3 functionality**
- 2. Wide Range Dirty DC input, 9-32 VDC**
- 3. (2) 10 Gigabit WAN interfaces and (8) Gigabit interfaces**
- 4. Small and pocket sized - 1.25" tall by 5" wide by 7.6" deep - less than 3lbs**
- 5. Pairs perfectly with other EC products**

## Our EC products are on the leading edge of what is possible in the deployable communications electronics market.

The XC-3300 is part of the new Executive Communications product portfolio, which has been designed by 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 EC products. EC products include the Software Definable Networking – Appliance™ (SDN-ATM) EC, the XC-6300 Router, PSU/UPS, 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.

Our 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.

### Expeditionary Communications devices offered are:

- Software Definable Networking – Appliances™
- Cisco IP Routers
- Juniper SD-WAN solutions
- Power supply/uninterruptable power supplies
- High performance compute (Xeon D and C3000)
- Cisco routers & VPN gateways
- Aruba Mobility controllers
- Haivision video transcoders
- Radio over IP appliances
- Cellular/wireless routers
- Low power/high CPU core NVIDIA based appliances for AI and machine learning applications
- More EC devices will be coming in 2023

