

# Cisco Catalyst 1000 Series Switch C1000-16P-E-2G-L

Model: C1000-16P-E-2G-L | Brand: CISCO

## Product Overview

16x 10/100/1000 Ethernet PoE+ ports and 120W PoE budget, 2x 1G SFP uplinks with external PS

Product page: <https://www.linknewnet.com/products/c1000-16p-e-2g-l>

## Quick Specifications

| Attribute                           | Value                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------------|
| Description                         | 16x 10/100/1000 Ethernet PoE+ ports and 120W PoE budget, 2x 1G SFP uplinks with external PS |
| Gigabit Ethernet ports              | 16                                                                                          |
| Uplink interfaces                   | 2 SFP                                                                                       |
| PoE+power budget                    | 120W                                                                                        |
| Fanless                             | Y                                                                                           |
| Dimensions (WxDxH in inches)        | 10.56 x 8.26x 1.73                                                                          |
| CPU                                 | ARM v7 800 MHz                                                                              |
| DRAM                                | 512 MB                                                                                      |
| Flash memory                        | 256 MB                                                                                      |
| Forwarding bandwidth                | 18 Gbps                                                                                     |
| Switching bandwidth                 | 36 Gbps                                                                                     |
| Forwarding rate(64—byte L3 packets) | 26.78 Mpps                                                                                  |
| MTU-L3 packet                       | 9198 bytes                                                                                  |
| Jumbo Ethernet frame                | 10,240 bytes                                                                                |
| Dying Gasp                          | Yes                                                                                         |
| MTBF in hours (data)                | 2,165,105                                                                                   |
| MTBF in hours (PoE)                 | 706,983                                                                                     |
| MTBF in hours (Full PoE)            | \                                                                                           |
| Operating altitude                  | 10,000 ft (3,000m)                                                                          |
| Operating relative humidity         | 5% to 90% at 40C                                                                            |
| Product Code                        | C1000-16P-E-2G-L                                                                            |
| Brand                               | CISCO                                                                                       |

## Replacement / Alternative Options

If the C1000-16P-E-2G-L is out of stock or end-of-life, these same-brand alternatives deliver comparable capability. Contact our sales team to confirm availability.

| Model                            | Specification                                                      |
|----------------------------------|--------------------------------------------------------------------|
| <a href="#">C1000-16T-E-2G-L</a> | 16x 10/100/1000 Ethernet ports, 2x 1G SFP uplinks with external PS |

|                 |                                                                              |
|-----------------|------------------------------------------------------------------------------|
| C1000-24FP-4X-L | 24x 10/100/1000 Ethernet PoE+ ports and 370W PoE budget, 4x 10G SFP+ uplinks |
|-----------------|------------------------------------------------------------------------------|

Request availability: [Ask for current stock](#) of C1000-16P-E-2G-L or its alternatives.

## Buying from LinkNewNet

Every unit is [fully tested](#) (ports verified, firmware validated) and covered by [warranty](#).