Gear Net Technologies

C1000-16T-2G-L Datasheet

Overview

Cisco® Catalyst® 1000 Series Switches are fixed managed Gigabit Ethernet enterprise-class Layer 2 switches designed for small businesses and branch offices. These are simple, flexible and secure switches ideal for out-of-the-wiring-closet and critical Internet of Things (IoT) deployments.

Cisco® Catalyst® 1000 operate on Cisco IOS® Software and support simple device management and network management via a Command-Line Interface (CLI) as well as an on-box web UI. These switches deliver enhanced network security, network reliability, and operational efficiency for small organizations.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	C1000-16T-2G-L
Description	16x 10/100/1000 Ethernet ports, 2x 1G SFP uplinks
Gigabit Ethernet ports	16
Uplink interfaces	2 SFP
PoE+power budget	\
Fanless	Y
Dimensions (WxDxH in inches)	10.56 x 10.69 x 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

Product Details

The Cisco Catalyst 1000 Series Switches provides these features:

* 8, 16, 24, or 48 Gigabit Ethernet data or PoE+ ports with line-rate forwarding

*2 or 4 fixed 1 Gigabit Ethernet Small Form-Factor Pluggable (SFP)/RJ 45 Combo uplinks or 4 fixed 0 Gigabit Ethernet Enhanced SFP (SFP+) uplinks

* Perpetual PoE+ support with a power budget of up to 740W

* CLI and/or intuitive web UI manageability options

* Network monitoring through sampled flow (sFlow)

* Security with 802.1X support for connected devices, Switched Port Analyzer (SPAN), and Bridge Protocol Data Unit (BPDU) Guard

* Compact fanless models available with a depth of less than 13 inches (33 cm)

*Device management support with over-the-air access via Bluetooth, Simple Network Management Protocol (SNMP), RJ-45, or USB console access

* Reliability with a higher Mean Time Between Failures (MTBF) and an enhanced limited lifetime warranty support(E-LLW)

Compare to Similar Items

Table 2 shows the comparison.

Product Code	C1000-16T-E-2G-L	C1000-16P-2G-L	C1000-16P-E-2G-L	C1000-16T-2G-L	C1000-16FP-2G- L
Description	16x 10/100/1000 Ethernet ports, 2x 1G SFP uplinks with external PS	16x 10/100/1000 Ethernet PoE+ ports and 120W PoE budget, 2x 1G SFP uplinks	16x 10/100/1000 Ethernet PoE+ ports and 120W PoE budget, 2x 1G SFP uplinks with external PS	16x 10/100/1000 Ethernet ports, 2x 1G SFP uplinks	16x 10/100/1000 Ethernet PoE+ ports and 240W PoE budget, 2x 1G SFP uplinks
Gigabit Ethernet ports	16	16	16	16	16
Uplink interfaces	2 SFP	2 SFP	2 SFP	2 SFP	2 SFP
PoE+power budget	\	120W	120W	\	240W
Fanless	Y	Y	Y	Y	Y
Dimensions (WxDxH in inches)	10.56 x 8.26 x 1.73	10.56 x 11.69 x 1.73	10.56 x 8.26x 1.73	10.56 x 10.69 x 1.73	10.56 x 12.14 x 1.73
CPU	ARM v7 800 MHz	ARM v7 800 MHz	ARM v7 800 MHz	ARM v7 800 MHz	ARM v7 800 MHz
DRAM	512 MB	512 MB	512 MB	512 MB	512 MB
Flash memory	256 MB	256 MB	256 MB	256 MB	256 MB
Forwarding bandwidth	18 Gbps	18 Gbps	18 Gbps	18 Gbps	18 Gbps
Switching bandwidth	36 Gbps	36 Gbps	36 Gbps	36 Gbps	36 Gbps
Forwarding rate(64—byte L3 packets)	26.78 Mpps	26.78 Mpps	26.78 Mpps	26.78 Mpps	26.78 Mpps

Get More Information

Do you have any question about the C1000-16T-2G-L? Contact us now

via **Live Chat** or **sales@gntme.com.**

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