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## Overview

IE-2000-16TC-B is the IE2000 series IE 16 10/100,2 FE SFP+2 T/SFP FE, and LAN Base switch. The Cisco IE 2000 Series are designed for low

## Quick Specification

Part Number	IE-2000-16TC-B
Total Ports	20
RJ45 Ports	16 FE
Combo Ports	2 FE
SFP Ports	2 FE
Manufacturing license	LAN Base
Type of possible upgrade	1

## Product Details:

### The Front Panel:



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## Accessories For IE-2000-16TC-B:

### Supported Products:

Model	Description
SD-IE-1GB	1GB SD Memory Card
<a href="#">GLC-FE-100LX-RGD</a>	Cisco GLC-FE-100LX-RGD 100Mbps Single Mode Rugged SFP
<a href="#">GLC-FE-100FX</a>	100BASE-FX SFP for FE port
<a href="#">GLC-FE-100LX</a>	100BASE-LX SFP for FE port
GLC-FE-100EX	100BASE-EX SFP (40km)
GLC-FE-100ZX	100BASE-ZX SFP (80km)
GLC-FE-100BX-D	100BASE-BX10-D SFP
<a href="#">GLC-FE-100BX-U</a>	100BASE-BX10-U SFP
LIC-IE2000-IP-L=	IE2000 LAN Base or Enhanced LAN Base to IPLite e-license
L-IE2000-B-E=	IE2000 LAN Base to Enhanced LAN Base e-license
STK-RACK-DINRAIL=	19 in. DIN Rail mount kit

### Compare To Similar Items:

Part Number	IE-2000-16TC-L	<a href="#">IE-2000-16TC-B</a>
Total Ports	20	20
RJ45 ports	16 FE	16 FE
Combo Ports	2 FE	2 FE
SFP Ports	2 FE	2 FE
Manufacturing license	LAN Lite	LAN Base
Type of possible upgrade	3	1

Get more information:

Do you have any question about IE-2000-16TC-B?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

### Specific Data Sheet:

Total Ports	20
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RJ45 Ports	16 FE
Combo Ports	2 FE
SFP Ports	2 FE
Manufacturing license	LAN Base
Power consumption	16-port downlink models: 21-30 W
Hardware	<ul style="list-style-type: none"> <li>• 256 MB DRAM with ECC memory</li> <li>• IEEE 1588v2 FPGA</li> <li>• 64 MB on-board flash memory</li> <li>• 1GB removable SD flash memory card (optional)</li> <li>• Mini-USB connector</li> </ul>
Alarm	Alarm I/O: Two alarm inputs to detect dry contact open or close; one alarm output relay
Connectors and cabling	10/100/1000BASE-T ports: RJ-45 connectors, 4-pair Category 5 UTP cabling
IE2000 Software Features	
LAN Lite license	Baseline features
Layer 2 switching	IEEE 802.1, 802.3, 802.3at, 802.3af standard (see Table 8), VTPv2, NTP, UDLD, CDP, LLDP, Unicast MAC filter, Resilient Ethernet Protocol (REP), Media Redundancy Protocol (MRP) Ring (IEC 62439-2)
Security	SCP, SSH, SNMPv3, TACACS+, RADIUS Server/Client, MAC Address Notification, BPDU Guard, SPAN session
Multicast	IGMPv1, v2, v3 Snooping, IGMP filtering, IGMP Querier
Management	Fast Boot, Express Setup, Web Device Manager, CNA, Cisco Prime, LMS, MIB, SmartPort, SNMP, syslog
Industrial Ethernet	EtherNet/IP, Profinet v2
LAN Base license	Additional features
Layer 2 switching	VTPv3, EtherChannel, Voice VLAN, Flexlink
Security	IPv4 Port-Security, DHCP Snooping, Dynamic ARP Inspection, IP Source Guard, 802.1x, Guest VLAN, MAC Authentication Bypass, 802.1x Multi-Domain Authentication, Storm Control, Trust Boundary, Access-List (ACL)
Quality of service	IPv4 Ingress Policing, Rate-Limit, Egress Queuing/Shaping, AutoQoS, PROFINET QoS
Management	Port-Based DHCP, Storm Control - Unicast, Multicast, Broadcast, SPAN Sessions, RSPAN, DHCP Server, Customized TCAM/SDM Size Configuration, Embedded Event Manager (EEM)
Industrial Ethernet	IEEE 1588 PTPv2
IPv4 routing	IPv4 static routing
IPv6 routing	IPv6 host support, HTTP over IPv6, SNMP over IPv6
Enhanced LAN Base	Additional features
Industrial management	Layer 2 switching with 1:1 static Network Address Translation (NAT)
IP Lite license	Additional features
IPv4 routing	RIP, OSPF, EIGRP, VRF Lite, PIM for L3 multicast routing including sparse (SM) and dense (DM) mode
IPv6 Routing	IPv6 Static routing, OSPFv3
Security	FIPS 140-2



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Embedded Event Manager	EEM feature enabled with IP Lite license
DNA Essentials	Additional features
Cisco DNA Center	Discovery, topology, inventory, software image management
Visibility	DNA assurance, Device 360
Day-zero network bring-up automation	Cisco Network Plug-and-Play application

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