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PRODUCT DATASHEET
Revised October 2026

CISCO · INDUSTRIAL ETHERNET 2000 SWITCHES

IE-2000-16TC-G-N

16xFE Copper · 2xGE Combo Uplinks · Enhanced LAN Base

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	IE-2000-16TC-G-N
Category	Industrial Ethernet 2000 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com

Scan for price and stock

200+	18,000+	US$9M+	3-Year
Countries Served	Customers Worldwide	Ready-Stock Inventory	Warranty



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The IE-2000-16TC-G-N is a Cisco Industrial Ethernet 2000 Series managed DIN-rail switch for non-PoE cabinets that need Layer 2 NAT out of the box. The switch has 16 10/100BASE-T copper ports, two Gigabit Ethernet dual-purpose uplinks and two Fast Ethernet SFP ports, 7.6 Gbps of switching bandwidth and Enhanced LAN Base software with IEEE 1588 support.

New, factory-sealed · 3-year LSCare warranty · 14-day returns · Cisco SN check before shipment

Specifications

Product ID	IE-2000-16TC-G-N	**Product type**	Managed industrial Ethernet switch
GE dual-purpose uplinks	2 GE SFP or RJ45	**Total ports**	20
RJ45 copper ports	16 FE	**FE SFP ports**	2 FE
Switching capacity	7.6 Gbps	**Maximum forwarding bandwidth**	3.8 Gbps
Maximum forwarding rate	5.66 Mpps with 64-byte packets	**DRAM**	256 MB with ECC memory
Removable SD flash memory card	1 GB optional	**Flash**	64 MB
Egress buffer	2 MB	**Type of possible upgrade**	1, 2
Upgrade meanings	LAN Base to IP Lite and Enhanced LAN Base to IP Lite	**IEEE 1588**	Supported
Layer 2 NAT	Supported	**Conformal coating**	Not the conformal-coated SKU
Bidirectional NAT translation entries	128	**Alarm I/O**	Two alarm inputs and one alarm output relay
Mean time between failures	374,052 hours	**MAC addresses**	8000
VLAN IDs	1005	**Mini-USB connector**	Supported
Software license	Enhanced LAN Base	**Minimum Cisco IOS release**	Cisco IOS Release 15.0(2)EA1
Power consumption	21-30 W for 16-port downlink models	**PoE/PoE+ support**	Not a PoE/PoE+ SKU in Cisco Table 1
Listed non-PoE power supply	PWR-IE50W-AC= 50W	**Dimensions**	Including DIN rail: 5.1 x 5.0 x 5.26 in. (130 x 127 x 134 mm)
Mounting	DIN rail	**Operating temperature**	-40C to +70C in vented enclosure with 40 LFM airflow
Operating humidity	5% to 95% non-condensing		

LAYER23 SWITCH

Get Price and Availability for IE-2000-16TC-G-N

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

Request a Quote

View Product Page

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