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Data Sheet

August 14, 2026

EXFO

Exfo IQS-510P-N12-G1 Intelligent Test System Control Unit with 10 Slots

The Exfo IQS-510P-N12-G1 is an intelligent test system control unit that is the core platform for the IQS-500 Intelligent Test System. Built on industrial PC architecture with a Pentium III processor and Windows 2000 Professional, It has a scalable, modular foundation for optical test and measurement applications in laboratory and manufacturing environments. The unit accommodates 10 plug-in test modules and can control up to nine IQS-510E expansion units, enabling system expansion to a maximum of 100 modules. Maximum System Configuration: 100 modules (control of 9 IQS-510E expansion units) Desktop or 1U rack-mount operation (optional GP-3005 screen/keyboard combo available) Local control via ActiveX/COM library; remote control via ActiveX/DCOM over Ethernet



MODEL

Exfo IQS-510P-N12-G1

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

IQS-510P-N12-G1

LISTING

<https://aumictechlabs.com/products/iqs-510p-n12-g1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Exfo IQS-510P-N12-G1 is an intelligent test system control unit that is the core platform for the IQS-500 Intelligent Test System. Built on industrial PC architecture with a Pentium III processor and Windows 2000 Professional, It has a scalable, modular foundation for optical test and measurement applications in laboratory and manufacturing environments. The unit

accommodates 10 plug-in test modules and can control up to nine IQS-510E expansion units, enabling system expansion to a maximum of 100 modules. Technical Specifications Processor: Industrial Pentium III Operating System: Windows 2000 Professional Memory: 512 MB RAM (N12 designation includes additional 256 MB) Module Slots: 10 Maximum System Configuration: 100 modules (control of 9 IQS-510E expansion units) Operating Temperature: 0 °C to 40 °C Storage Temperature: -40 °C to 70 °C Relative Humidity: 0 % to 80 % non-condensing at 40 °C Key Features Backward-compatible with IQ-200 Optical Test System modules Integrated IQS Manager software for data analysis and high-speed acquisitions Ethernet 10/100 Base-T interface for network connectivity and remote control RS-232 serial interface for remote instrument control Optional GPIB interface (IEEE 488.2 standard) for multi-instrument control EXFO Bus II high-speed interface for inter-unit data and command transfer Desktop or 1U rack-mount operation (optional GP-3005 screen/keyboard combo available) Compatibility & Integration Supports SCPI commands and LabVIEW drivers Local control via ActiveX/COM library; remote control via ActiveX/DCOM over Ethernet Compatible with range of single-slot plug-in test modules Compatible with IQS-510E Expansion Units Requires null-modem cable (EXFO GP-216) for DTE/DTE communications between units

IQS510PN12G1 Characteristics / Specifications

PARAMETER	VALUE
Queue Ordering Code	N12-G1
Model Family	IQS-510P
CPU	Industrial Pentium III 866 MHz
Memory Standard	256 MB
Memory Optional	512 MB
Hard Drive Minimum	40 GB
Floppy Drive	3.5 in 1.44 MB
Optical Drive	internal CD-ROM CD-RW optional
Ethernet	10/100 Base-T
USB Ports	2
Serial Port	RS-232
Parallel Port	yes
External Monitor Port	yes
EXFO Bus	EXFO bus II output
Module Slots	10
Power	110-120/210-240 VAC 50/60 Hz
Size HxWxD	17.7 cm x 43.9 cm x 49.5 cm
Weight	16.6 kg
Operating Temperature	0 C to 40 C
Storage Temperature	minus 40 C to 70 C
Relative Humidity	0 percent to 80 percent non-condensing at 40 C
Operating System	Windows 2000 Professional
Expansion Units Supported	up to nine IQS-510E
IQS 510E Slots Each	10
Maximum Modules Class	up to 100 single-slot modules

PARAMETER	VALUE
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX
Humidity	0 percent to 80 percent non-condensing at 40 C

IQS510PN12G1 Specifications

PARAMETER	VALUE
Ten module slots in the control chassis	Industrial Pentium III platform with Windows 2000 Professional
IQS Manager local and remote software	Backward compatible with many IQ-200 modules
Technical Specifications	Queue Ordering Code: N12-G1

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 C to 70 C
Operating temperature	0 C to 40 C
Operating Temperature	0 C to 40 C
Humidity	0 percent to 80 percent non-condensing at 40 C
Relative Humidity	0 percent to 80 percent non-condensing at 40 C
Operating System	Windows 2000 Professional
Expansion Units Supported	up to nine IQS-510E
IQS 510E Slots Each	10
Maximum Modules Class	up to 100 single-slot modules
Remote Control	Ethernet GPIB RS-232 SCPI LabVIEW ActiveX Notes From EXFO IQS-500 Intelligent Test System datasheet SPIQS500.5AN. Confirm memory GPIB and CD options from ordering codes N12 I3 G1/G2 on the configuration label.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

From EXFO IQS-500 Intelligent Test System datasheet SPIQS500.5AN. Confirm memory GPIB and CD options from ordering codes N12 I3 G1/G2 on the configuration label.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.