

What is the price of a 940nm laser diode



AI Overview

The price of 940nm laser diodes varies widely, ranging from around €10–€50 for low-power modules to several hundred or even thousands of dollars for high-power or fiber-coupled units.

Low-Power Laser Diodes For laboratory or OEM applications with output powers up to 100 mW, pigtailed 940nm laser diodes are available for approximately \$50–\$100 per unit. These modules often include an integrated fiber and driver for plug-and-play operation, requiring only a 5V power supply, making them suitable for research or small-scale applications (Edmund Optics).

Mid-Power and Fiber-Coupled Modules Fiber-coupled 940nm laser diodes with single-mode or polarization-maintaining fibers, and output powers in the range of 200 mW to a few watts, are typically priced from \$200 to \$1,000, depending on features like narrow emission spectrum (FBG) or integrated drivers (AeroDIODE). These are often used in industrial, medical, or sensing applications.

High-Power Laser Diodes High-power 940nm laser diodes, including turn-key modules with 10–200 W output, can cost several thousand dollars, reflecting their specialized design, integrated control software, and high stability for industrial or research use (AeroDIODE).

VCSEL and SMD Options For VCSEL (Vertical Cavity Surface Emitting Laser) 940nm diodes, such as those used in facial recognition or 3D sensing, prices start around €10–€50 per unit for small quantities, with bulk pricing available from distributors like RS Components or Farnell Germany. These are compact, surface-mount devices suitable for electronics integration.

Wholesale and Online Marketplaces On platforms like Made-in-China, 940nm laser diodes for applications like smart home or iris recognition can be purchased at wholesale prices, often lower than retail, depending on order quantity and supplier.

Summary

Power Category	Typical Price Range
Low-power (1–100 mW)	~\$50–\$100
Mid-power fiber-coupled (200 mW–few W)	\$200–\$1,000
High-power modules (10–200 W)	Several thousand dollars
VCSEL/SMD 940nm	€10–€50 per unit, depending on quantity and supplier

Article Content

940 nm laser diode from 200 mW up to 200 W – fiber

Turn-key integrated laser diode module for 10 to 200 W multimode laser diodes. The module is offered with a high power SMA connector. Up to 200 W available with

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940nm Laser Diode - Laserland

940nm 5.6mm Infrared IR Laser Diode LD 200mW 300mW \$12.00 – \$26.00 Select options Quick View

Single mode laser diode at 940nm

Find single mode laser diodes in 9mm free space TO package with output power 5-150mW in the wavelength range 735-1600nm in QPhotonics online store.

Laser Diodes | IR & High Power Laser Diode | RS AU

Your Trusted Laser Diode Supplier in Australia RS Australia is a trusted distributor of laser diodes from leading manufacturers, stocking a broad range including IR laser diodes, SMD laser diodes, high

High Power Direct Diode Lasers (DDLs) Market Research Report

The High Power Direct Diode Lasers (DDLs) market prioritizes cost-effectiveness and resource optimization, with an expected CAGR of 8.2% from 2023 to 2030, driving advancements across

QL94R6SA QSI 940nm Single Mode Laser Diode

The QL94R6SA from QSI is a Laser Diode with Wavelength 940 nm, Output Power 200-250mW, Voltage 2 to 2.5 V, Current 270 to 320 mA. More details for

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Customized Raman WDM with cheap price or low price can be bought from our factory called Box Optronics which is one of the manufacturers and suppliers in China. Our Raman WDM made in

940nm Laser Diode (30W Output Power)

\$500 - \$1,500. These high power 940nm laser diodes deliver up to 30W of output power with an emission bandwidth of 6 nm. The multimode fiber pigtail has a

940nm Single Mode Infrared Laser Diode

This CW mode 940nm SM IR laser diode allows the most efficient and powerful

LSTM_notebook

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Diode Wavelength: 755nm, 808nm, 940nm, 1064nm. Replaceable Pico Laser Probes. 4-Wavelength Diode Laser (755nm/808nm/940nm/1064nm). Permanent reduction of body & facial hair,

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Near-infrared LED guide across 700 to 1000 nm: 850nm vs 940nm performance, eye safety, and uses in night vision, sensing, and biometrics, with

940nm Laser for sale | eBay

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laser diode 940nm Price

Comparing laser diode 940nm prices. You can easily wholesale quality laser diode 940nm at wholesale prices on Made-in-China .

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High-power diode lasers have emerged as key enabling components across a broad spectrum of industrial, medical, and scientific applications due to their exceptional efficiency,

High Performance 940nm 200mW TO5.6mm Infrared Laser Diode

Dongguan Blueuniverse Laser Co., Ltd. was established in September 2010. It is a high-tech enterprise integrating semiconductor lasers' research and development, production, and sales. It is a

Laser Diodes – Mouser

Laser diodes are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many laser diode manufacturers including ams Osram, KYOCERA AVX,

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