



Industrial Router

Product Technical Sourcing Proposal
Electronics & Energy Systems

Red-CE

Since 1999



Real supplier reference image. Final brand, model and appearance depend on selected quotation.

RECOMMENDED SUPPLY CONFIGURATION

Choose the smallest managed network platform that provides the confirmed port count, link speed, uplinks, power method, management features and environmental rating, while leaving only practical spare-port capacity.

Product Overview, Applications & Primary Use

Industrial router with VPN, firewall and WAN/LTE ports for secure plant connectivity.

Technical sourcing approach

- Confirm the real operating duty and site conditions before comparing models.
- Compare supplier quotations against one common technical specification.
- Require a factory test, drawings, manuals and a critical-spares list.
- Plan freight, inspection, installation interfaces and after-sales support before purchase.

Applications and primary use

- Industrial or enterprise Ethernet switching and routing for the stated site.
- Segmentation of office, production, CCTV, Wi-Fi or control networks as required.
- Replacement or expansion where port speed, fibre type and management compatibility are verified.
- Rack, cabinet or field installation after confirming power and temperature conditions.



Product-Specific Technical Specification

Selection parameter	Required function / value	Buyer or site input
Copper ports	Required quantity and 1G/2.5G/10G speed	Provide connected-device list
Fibre uplinks	Correct number, speed and optical interface	State SFP type and fibre distance
PoE	Supply compatible voltage and total power budget when required	List powered devices and watts
Management	VLAN, security, monitoring and remote administration functions	List required features
Routing/redundancy	Required Layer-3 and failover functions	Provide network diagram
Power supply	Match AC/DC source and redundancy need	State site power
Environment	Temperature, dust and vibration rating for location	State rack/field conditions
Licensing/support	All required licences, firmware and documentation included	Confirm subscription limits

Buyer checklist and quotation requirements

- Provide a simple network diagram and connected-device count.
- State copper port speed, fibre uplink type, distance and connector.
- List all PoE devices and their maximum combined power.
- Confirm VLAN, routing, redundancy, security and monitoring requirements.
- State rack size, power source, temperature and indoor/outdoor location.
- Confirm software licences, warranty, firmware access and compatible spares.
- Require configuration backup and port/throughput test before shipment.

Final technical parameters, included accessories and acceptance criteria must be confirmed in the supplier quotation, test report and purchase contract. Do not purchase from photographs alone.

Indicative Product Pricing & Supply Guide

PRODUCT QUOTATION BASIS

Final pricing for Industrial Router follows the confirmed technical specification, required rating or capacity, included accessories, inspection scope, delivery terms and destination.

Supply component	Indicative planning range	Quotation basis
Network equipment	US\$3k-30k	Confirmed ports, speed and management
Optics, power and rack accessories	US\$1k-8k	Only required interfaces
Freight and clearance	US\$2k-10k	Consolidated shipment where practical
Configuration and installation	US\$1k-6k	Local cabling with remote support
Low-entry network package total	US\$7k-54k	Final price follows port and PoE scope

Technical sourcing and delivery process

Phase 1	Define requirement and request comparable quotations - 1 to 2 weeks
Phase 2	Technical clarification, negotiation and inspection plan - 1 to 3 weeks
Phase 3	Manufacture or refurbishment - typically 3 to 10 weeks
Phase 4	Shipping and customs clearance - typically 3 to 7 weeks
Phase 5	Local installation, training and trial operation - 1 to 3 weeks

These are non-binding planning ranges. Final product price and delivered cost depend on the confirmed specification, accessories, inspection, freight, customs, exchange rate and destination.

Sanaatchi Support & Contact

- Supplier search using one confirmed product specification
- Side-by-side technical and commercial quotation comparison
- Factory test, documentation and pre-shipment inspection coordination
- Lowest-cost practical logistics planning from China to Afghanistan
- Installation-interface, spare-parts and after-sales coordination

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Supplier image references

- Supplier image reference:

<https://image.made-in-china.com/2f0j00wsZCueEBMPko/IoT-4G-5G-Industrial-Dual-SIM-Card-Modem-Module-Router-Gateway-Failover.jpg>

- Supplier image reference: <https://image.made-in-china.com/2f0j00kwnVomWPSgGj/Industrial-4G-Router-DIN-Rail-Mount-Poe-5-Port-Ethernet-RS232-RS422-RS485-Serial-VPN-Wireless-Router-for-Transportation-IoT.jpg>