

FX9600 FIXED UHF RFID READER

BATTLE CARD



SALES/REFERENCE MATERIALS

The Source:
zebra.gosavo.com/

Partner Gateway:
<https://partnerportal.zebra.com>

Product Home:
www.zebra.com/fx9600

Zebra Services:
www.zebra.com/services

Learning Portal:
www.zebra.com/training

Solution Builder:
<https://solutionbuilder.zebra.com>

Software Support:
www.zebra.com/software
(search fx9600)

Product Photography:
<https://medialibrary.zebra.com> (search fx9600)

ZEBRA GLOBAL SERVICES

The following Global Services are available to keep the FX9600 operating at peak performance throughout its lifecycle:

Zebra OneCare Essential

Covers normal wear and tear and Comprehensive Coverage; depot repair with 3-day in-house turnaround time; provides full access to technical support resources and software releases.

Zebra OneCare Select

Builds on OneCare Essential, offering advanced replacement of devices needing repair; service dashboard; 24/7 Level one support and more.

FX9600 Fixed UHF RFID Reader

TOP OF THE LINE PERFORMANCE FOR HIGH-VOLUME RUGGED ENVIRONMENTS

To achieve maximum visibility and efficiency in the most rugged environments, your customers need an RFID reader that can keep up with the high volume and wide variety of pallets, cases and tagged items that go in, out and through the warehouse and dock doors each day. With the Zebra FX9600 Fixed UHF RFID Reader, your customers will get the performance and features they need to handle it all. Industry-leading read rates, exceptional read accuracy and superior RF sensitivity ensure customers can automate inventory management without errors or bottlenecks. As the next generation in Zebra's fixed RFID reader portfolio, the FX9600 retains the rugged form and fit of the FX9500, while adding important features to lower the total cost of ownership and simplify deployment, including Power-over-Ethernet, wireless connectivity and the ability to host embedded applications.

TOP REASONS WHY THE FX9600 OUTPERFORMS OTHER FIXED UHF RFID READERS

1. Top-Notch Performance

With +33 dBm of RF output power, receive sensitivity of -85 dBm and industry-best read rates, the FX9600 can perform quickly and accurately in the most challenging RF environments. Your customers can track the flow of goods and assets, allowing them to receive, inventory, pick and ship faster and more accurately than ever — boosting the efficiency and profitability of their operations.

2. Rugged Design for Tough Environments

An extremely durable diecast aluminum housing, MIL-STD-810G shock rating and IP53 sealing deliver the durability your customers need to ensure uptime — even in damp, dusty work areas, extreme heat or subzero temperatures.

3. Streamlined Deployment and Lower System Deployment Costs

The FX9600 can host embedded applications for standalone reader operation, eliminating the need to connect the reader to a host PC in many applications. The result? Streamlined deployment and a lower total system cost.

4. More Read Points per Reader

In addition to a four-port model, the FX9600 comes in an eight-port model, enabling your customers to cover more dock doors and portals with fewer readers — significantly lowering the initial investment, as well as deployment and management time and costs.

5. Directly Connect to Wi-Fi Networks and Bluetooth-enabled Devices

The FX9600 supports Wi-Fi and Bluetooth dongles for direct connectivity to Wi-Fi networks,

as well as Bluetooth-enabled computers and mobile computers. There's no need for hard-wired connections.

6. EPC Class 1 Gen2V2 Compliant

The FX9600 is the latest product in Zebra's RFID product portfolio to be EPC Class 1 Gen2V2 compliant allowing the reader to support the latest tag technology.

7. Easy, Low-cost Deployment with Support for PoE and PoE+

Customers can eliminate the time and cost required to run power drops to each reader location with support for PoE (802.3af) or PoE+ (802.3at). With either PoE+ or the 24V power supply, your customers get maximum RF output power capabilities.

8. Cost-effective, Streamlined Upgrades

To further streamline application development and deployment, the FX9600 supports the same accessories including antennas, cables and software tools (i.e. PowerSession and Zebra's RFID3 API) as the FX7500 and FX9500 fixed readers. As a result, FX7500 and FX9500 customers can upgrade to this next generation reader while preserving their existing accessory and application investments.

9. The Global UHF RFID Leader

Zebra has more fixed, handheld and portal RFID systems installed than any other RFID provider, giving your customers the peace of mind that comes from choosing RFID products that are well-tested in practically every industry.

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COMPETITIVE COMPARISON

In the chart below, blue shading indicates the leading specification for each feature.

Zebra FX9600	Alien ALR9900+	Impinj Speedway R420	Intermec IF2	ThingMagic Mercury 6	Why it Matters
RFID					
Read Rate (tags/sec.)	1250	Not reported	1150	Not reported	750
Antenna Ports	4 or 8 ports	4 ports	2 or 4 ports	4 ports	4 ports
Protocol Support	EPC Gen2, EPC Gen2V2	EPC Gen2	EPC Gen2, EPC Gen2V2	EPC Gen2	EPC Gen2
Power					
Power Source	POE, POE+, +24 VDC	POE, +24 VDC	POE, +24 VDC	POE, +12 VDC	POE, +10-30 VDC
Connectivity					
LAN/USB	Yes	Yes	Yes	Yes	Yes
Export data to USB stick	Yes	No	Yes	No	Yes
Reader-Based General Purpose Input/Output	4 in/4 out (1.0 Amp opto-isolated)	4 in/8 out (0.5 Amp opto-isolated)	4 in/4 out (0.1 Amp only; requires ext. GPIO adapter)	4 in/4 out (0.25 Amp opto-isolated)	4 in/4 out
Wi-Fi	Yes (dongle)	Yes (dongle)	Yes (dongle)	No	Yes
Bluetooth	Yes (dongle)	Yes (dongle)	No	No	No
Ruggedness					
Shock Rating	MIL-810	MIL-810	MIL-810	No	Not reported
IP Sealing	IP53	IP53	IP52	IP53	IP52
Plenum Rated	Yes	Yes	Yes	No	Yes
Operating Temp.	-4°F to 131°F / -20°C to 55°C	-4°F to 131°F / -20°C to 55°C	-4°F to 131°F / -20°C to 55°C	-4°F to 131°F / -20°C to 55°C	-4°F to 131°F / -20°C to 55°C



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