

Cisco 829 Industrial Integrated Services Routers

Spec Sheet

Cellular connectivity	<ul style="list-style-type: none">• 4G LTE, 3.7G, 3.5G or 3G Cellular WAN link• External, dual 4G antennas with main and receive diversity for maximum signal strength connectivity• Dual subscriber identity module (SIM) capability
Wi-Fi	<ul style="list-style-type: none">• Dual radio 802.11n concurrent 2.4 GHz and 5.0 GHz with embedded 2X2 MIMO• Up to 300 Mbps data rate per radio• Autonomous and universal modes
WAN interfaces	<ul style="list-style-type: none">• Wireless WAN with multimode 4G LTE, 3.7G, 3.5G and 3G speeds• 1 x Small Form-Factor Pluggable (SFP) port
Dual active LTE WAN interfaces*	Concurrent connections to two cellular networks for high reliability, enhanced data throughputs for mission critical services * - supported only on the IR829-2LTE model
Serial interface	2 x asynchronous serial interfaces (1 x RS-232 DTE and 1 x RS-232/RS-485 DCE)
LAN interfaces	4 x 10/100/1000 Ethernet ports with shared 30 W PoE/PoE+ (IEEE 802.3at)
Security	Advanced security features that support: <ul style="list-style-type: none">• Access control• Data confidentiality and data privacy• Threat detection and mitigation• Device and platform integrity
Fog computing	An open, extensible environment for intelligence at the edge of the network for operational efficiency
Power	<ul style="list-style-type: none">• Integrated 9-32 VDC power input
Industrial operation	<ul style="list-style-type: none">• Extended temperature operating range: -40°F to +140°F (-40°C to +60°C)• Multi-industry worldwide certification
