



## Wi-Fi CERTIFIED™ Interoperability Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing.  
Learn more: [www.wi-fi.org/certification/programs](http://www.wi-fi.org/certification/programs)



**Certification ID: WFA16163**

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<b>Date of Last Certification</b>	February 27, 2013
<b>Company</b>	LANCOM Systems GmbH
<b>Product</b>	LANCOM L-452agn dual Wireless
<b>Model Number</b>	L-452
<b>Product Identifier(s)</b>	
<b>Category</b>	Routers
<b>Subcategory</b>	Enterprise/Service Provider Access Point, Switch/Controller or Router
<b>Hardware Version</b>	Product: , Wi-Fi Component:
<b>Firmware Version</b>	Product: LCOS 8.82, Wi-Fi Component:
<b>Operating System</b>	Proprietary / Other: Unspecified
<b>Frequency Band(s)</b>	2.4 GHz, 5 GHz - Switchable

### Summary of Certifications

<b>CLASSIFICATION</b>	<b>PROGRAM</b>
Connectivity	Wi-Fi CERTIFIED™ a, b, g, n
	WPA™ – Enterprise, Personal
	WPA2™ – Enterprise, Personal
Optimization	WMM®
	WMM®-Power Save
Access	Passpoint®



**Security**

WPA™ – Enterprise, Personal  
WPA2™ – Enterprise, Personal  
EAP Type(s)  
EAP-TLS  
EAP-TTLS/MSCHAPv2  
PEAPv0/EAP-MSCHAPv2  
PEAPv1/EAP-GTC  
EAP-SIM  
EAP-AKA  
EAP-AKA Prime  
EAP-FAST

**Wi-Fi CERTIFIED™ a**

**Wi-Fi CERTIFIED™ b**

**Wi-Fi CERTIFIED™ g**

**Wi-Fi CERTIFIED™ n**

2.4 GHz, 5 GHz - Switchable  
3 Spatial Streams 2.4 GHz  
3 Spatial Streams 5 GHz  
Short Guard Interval  
TX A-MPDU  
STBC Transmit  
40 MHz operation in 2.4 GHz, with coexistence mechanisms  
40 MHz operation in 5 GHz

**WMM®**

**WMM®-Power Save**

**Passpoint®**

Release 1