



# Wi-Fi CERTIFIED™ 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: WFA66331**

## Product Info

<b>Date of Certification</b>	August 18, 2016
<b>Company</b>	Arcelik A.S.
<b>Product Name</b>	Grundig GF UHD LED TV
<b>Product Model Variant</b>	2016-08-18 (WFA66331 - 4511746)
<b>Model Number</b>	ZUM
<b>Category</b>	Televisions & Set Top Boxes
<b>Sub-category</b>	Television

## Summary of Certifications

<b>CLASSIFICATION</b>	<b>CERTIFICATION</b>
<b>Access</b>	Wi-Fi Protected Setup™
<b>Applications &amp; Services</b>	Miracast® Wi-Fi Direct®
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
<b>Optimization</b>	WMM®
<b>Security</b>	WPA2™-Personal



# Wi-Fi CERTIFIED™ Certificate

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:3.10.23

### Wi-Fi Component Firmware

117797

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 GHz	2	2

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

40 MHz Channel Width in 2.4 GHz

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz

40 MHz Channel Width in 5 GHz

### WMM®

### WPA2™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

STBC

A-MPDU Tx

HT Duplicate Mode

### Wi-Fi CERTIFIED™ n (continued)

OBSS on Extension Channel

RIFS

Short Guard Interval

### Wi-Fi Direct®

### Wi-Fi Protected Setup™

PIN

Pushbutton



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Miracast®