

# Wireless Adapters



Model No.	EW-7811Un V2	EW-7711UAn V2	EW-7612UAn V2	EW-7722UTn V3	EW-7811UTC	EW-7811UAC	EW-7811DAC
<b>Performance</b>							
Wi-Fi Speed	150Mbps		300Mbps		433Mbps + 150Mbps		
Bands	2.4GHz	2.4GHz	2.4GHz	2.4GHz	Dual-Band 5GHz or 2.4GHz	Dual-Band 5GHz or 2.4GHz	Dual-Band 5GHz or 2.4GHz
Antenna	Internal	External	External	Internal	Internal	External	External
		Oimi 3dBi (2.4GHz)	Oimi 3dBi (2.4GHz)			Oimi 4dBi (2.4GHz) & 6dBi (5GHz)	Oimi 5dBi (2.4GHz) & 7dBi (5GHz)
USB Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
<b>Applications</b>							
Email & Chat	v	v	v	v	v	v	v
Online Gaming	v	v	v	v	v	v	v
Music & Video Streaming	v	v	v	v	v	v	v
<b>Certification</b>							
Report List	•CE / RED (Europe) •FCC (U.S.) •BSMI / NCC (TW)	•CE (Europe) •FCC (U.S.)	•CE / RED (Europe) •FCC (U.S.) •BSMI / NCC (TW) •RCM (Australia & New Zealand)	•CE / RED (Europe) •FCC (U.S.)	•CE / RED (Europe) •FCC (U.S.) •IC (Canada) •IMDA (Singapore)	•CE (Europe) •FCC (U.S.) •IC (Canada) •IMDA (Singapore)	•CE (Europe) •FCC (U.S.) •IC (Canada) •IMDA (Singapore)



Model No.	EW-7822ULC	EW-7822UTC	EW-7833UAC	EW-7611ULB	EW-7611UCB	
<b>Performance</b>						
Wi-Fi Speed	867Mbps + 300Mbps		1300Mbps + 450Mbps	150Mbps	433Mbps + 150Mbps	
Bands	Dual-Band 5GHz or 2.4GHz	Dual-Band 5GHz or 2.4GHz	Dual-Band 5GHz or 2.4GHz	2.4GHz + BT4.0	Dual-Band 5GHz or 2.4GHz + BT4.0	
Antenna	2 Internal	2 Internal	3 Internal + 1 External	Internal	External	
			180° Adjustable Foldaway			
USB Interface	USB 2.0	USB 3.0	USB 3.0	USB 2.0	USB 2.0	
<b>Applications</b>						
Email & Chat	v	v	v	v	v	
Online Gaming	v	v	v	v	v	
Music & Video Streaming	v	v	v	v	v	
Multiple HD Streaming	v	v	v		v	
<b>Certification</b>						
Report List	•CE / RED (Europe) •FCC (U.S.) •IC (Canada) •IMDA (Singapore) •BSMI / NCC (TW)	•FCC (U.S.)	•CE (Europe) •FCC (U.S.) •IMDA (Singapore) •VCCI / TELEC (Japan)	•CE / RED (Europe) •FCC (U.S.) •IC (Canada) •MIC & VCCI (Japan) •IMDA (Singapore) •BQB (Europe Bluetooth) •RCM (Australia & New Zealand) •SRRC (China) •KC (Korea)	•ICASA (South Africa) •NTRA (Egypt) •WPC (India) •CITC (Saudi Arabia) •TRA (Bahrain) •TRA (OMAN) •ict Qatar License (Qatar) •Anatel (Brazil) •Kuwait •BSMI / NCC (TW)	•CE (Europe)



# Embedded Wireless Adapter Solution

Industrial IoT Improvement



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© Maximum performance, actual data rates and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

# Your Industry Our Solutions



Edimax offers one-stop service to integrate wireless adapter with customer-centric design-in services for diverse industries. To address the market for IoT/IIoT applications, Edimax embedded solution can be integrated with different types of wireless data acquisition solutions. Engaging with Edimax saves your decision-making time and enjoy real-time service around the world.



## Key Requirements For Partners

- Real-time wireless data acquisition
- USB interface/dimensions with device integration and connectivity
- Full technology support shortens design and integration cycles
- Presents strategies to deal with risk and uncertainty
- Multiple country RF Certifications

## Build the Right Fit

Value-added Wireless Connectivity Solutions	Wireless Design-in Services		Embedded Wireless Modules		
802.11 ac/a/b/g/n Multi Protocol (Combo)	Wireless Driver Integration RF Certification	Wi-Fi + Bluetooth Modules High Throughput Series	Ultra Small Size Integrated Antenna	Optimal Antenna Design Wireless System Performance Tuning	Smart Mobility Series



## Embedded Wi-Fi on Your Device

Strategic Alliance	Why the Device Needs Wireless Connectivity
<b>Wireless People Counter</b>	See real-time occupancy of every room to guide effective emergency response. The data can be automatically transferred to server with wireless connectivity.
<b>Expressive Social Robot</b>	Social robot has an embedded Wi-Fi module that enables it to connect to the mobile device of the therapist as a tool for coaching and healthcare to improve the personal autonomy skills in a group of kids with special needs.
<b>Traditional Time Clock</b>	Speed up the payroll process when time clock in and out with a touch of a finger or keypad entry, all employee data is easily connected to PC or server with optional wireless adapter.

## Short Time-To-Market Flow

Inquiry	Product Selection	System Performance Check	RF Certification	Production
<ul style="list-style-type: none"> <li>• Platform OS</li> <li>• Linux Kernel Version</li> <li>• Wi-Fi Function Requirement</li> <li>• Wi-Fi Certification Requirement</li> </ul>	<ul style="list-style-type: none"> <li>• 11ac Dual-Band                             <ul style="list-style-type: none"> <li>- AC1750</li> <li>- AC1200</li> <li>- AC600</li> </ul> </li> <li>• Wireless 11n                             <ul style="list-style-type: none"> <li>- N300</li> <li>- N150</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi Adapter Driver for Integration &amp; Testing Support</li> <li>- Wi-Fi Performance</li> <li>- Throughput</li> <li>- Total Radiation Power</li> <li>- Receiving Sensitivity</li> <li>- Radiation Pattern</li> </ul>	<ul style="list-style-type: none"> <li>• Mandatory: FCC/ IC/ CE/ MIC/ SRRC/ CCC/ NCC....etc.</li> <li>• Testing Tools &amp; SOP Support</li> </ul>	<ul style="list-style-type: none"> <li>• Production Support</li> </ul>