

Check List Item	DPAC	Alt1	Alt2	Alt3
Technology				
Integrated Network Processor	Yes			
Integrated 802.11b Radio	Yes			
Integrated 802.11 radio driver	Yes			
Integrated TCP/IP stack	Yes			
Integrated Web Server and HTTP server	Yes			
Integrated UDP server	Yes			
Integrated power management	Yes			
Integrated I <sup>2</sup> C interface	Yes			
Integrated SPI interface	Yes <sup>1</sup>			
Integrated RS23/422/485 interface	Yes			
Single 3.3V power supply needed	Yes			
Antenna diversity supported	Yes			
Integrated antenna connectors	Yes <sup>2</sup>			
Secure mechanical mounting	Yes <sup>3</sup>			
Advanced serial interface support	Yes <sup>4</sup>			
Mechanical Size				
Maximum power (Tx mode)	420mA			
Command Line Interface	Yes			
Windows DLL	Yes <sup>5</sup>			
Active Webpage support	Yes <sup>6</sup>			
Virtual COM port driver (serial to IP redirector)	Yes (Free)			
Plug-in replacement; form, fit and function for latest technologies and functionality	Yes <sup>7</sup>			

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Support for Industrial/Automotive operating temperature range (-40°C to +85°C)	Yes			
Live update (firmware upgrade capability once deployed)	Yes <sup>8</sup>			
Manufacturing				
ISO manufacturing	Yes			
High volume support	Yes			
Offshore capability	Yes			
Onshore support	Yes			
In-house RF test capability	Yes			
Quality				
Quality system	Yes			
Available quality manual	Yes			
RoHS & WEEE program	Yes			
ISO certification	Yes <sup>9</sup>			
Product				
UL Certification	Yes			
FCC certification	Yes			
CE certification	Yes			
International certification (Industry of Canada, Japan, etc.)	Yes <sup>10</sup>			
Test reports	Yes			

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Embeddable modules	Airborne WLN			
Finished product	AirborneDirect			
OEM branding capable	Yes			
OEM branding tools/support	Yes <sup>11</sup>			
Certification support services	Yes			
Reference Designs Available	Yes			
Customer Support				
Telephone support	Yes <sup>12</sup>			
E-mail support	Yes			
Web support	?			
Customer accessible Application Engineers	Yes			
800 dial in	Yes			
Technical support case tracking and resolution.	Yes			
Customer notification of firmware updates and product revision	Yes			
Web accessible firmware updates	?			

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- <sup>1</sup> UART and SPI interfaces not available on the same model.
  - <sup>2</sup> U.FL Micro-connector for small footprint and high RF performance.
  - <sup>3</sup> Requires the use of separate screws and mounting holes.
  - <sup>4</sup> Serial interface supports advanced software flow control and buffer management features.
  - <sup>5</sup> Supports .NET framework.
  - <sup>6</sup> Supports JAVA applets.
  - <sup>7</sup> Road map shows 11g and advanced processor support in same mechanical outlines and same logical model (interface and function superset support).
  - <sup>8</sup> CLI and Web interface capable
  - <sup>9</sup> ISO manufacturing facilities only.
  - <sup>10</sup> Industry of Canada only

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- <sup>11</sup> OEM Configuration Tool allows modification of web pages and building of new factory default settings.
- <sup>12</sup> [wirelessupport@DPACTech.com](mailto:wirelessupport@DPACTech.com)