

**FEATURES:**

- Compatible with IEEE802.11b and IEEE802.11g standard for 2.4GHz Wireless LAN
- MiniPCI Type III A slot compliant
- Up to 54Mbps data rate (Wireless LAN)
- Up to 56kbps V.92 data rate (Modem)\*
- Concurrent use of Wireless LAN & modem function
- Support operating systems such as Windows 98/2000/ME/XP
- AC97 Compatible Softmodem

**SPECIFICATIONS**

**Wireless Standard**

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<b>Frequency Range</b>	2.412GHz-2.4835GHz
<b>Number of Selectable Channels</b>	<ul style="list-style-type: none"><li>- USA, Canada: 11 channels</li><li>- Europe: 13 channels</li><li>- Japan: 14 channels</li></ul>
<b>Modulation Technique</b>	Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
<b>Standard</b>	IEEE 802.11b and IEEE 802.11g
<b>Security</b>	0/64/128 bit WEP, WPA
<b>Spreading</b>	11 chip Barker sequence
<b>Bit Error rate</b>	Better than 10 <sup>-5</sup>
<b>Media Access Protocol</b>	CSMA/CA (Collision Avoidance) with ACK

**SPECIFICATIONS**

**Modem Standard**

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<b>Modem Standard</b>	<ul style="list-style-type: none"><li>- V.92 (down-stream) up to 56,000 bps*)</li><li>- V.34bis (up to 33,600 bps)</li><li>- V34 (2,400 to 28,800 bps)</li><li>- V.32bis, V.32, V.22bis, V.22/Bell 212A, V.21/Bell 103</li></ul>
<b>Fax Standard</b>	<ul style="list-style-type: none"><li>- Group 3, class 1</li><li>- EIA Class fax commands</li><li>- V.17(14,4K bps), V.29(9,6K bps), V.27ter(4.8K bps), V.21(300bps)</li></ul>

**ORDERCODE**

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- CTX714 WLAN+V.92 MDC Modem
  - CTX714a WLAN only

\*Due to power limitation in the telephone network data receiving is possible up to 54,3 kbps maximum only.