# ARK-3384

## Wireless, USB Port Compact System

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## Features

- Fanless operation, built-in low power consumption Intel® Pentium® M or Celeron® M processor
- Built-in IEEE 802.11b/g wireless LAN with antenna
- Built-in three USB 2.0 ports
- Dual independent display supports LVDS and CRT
- AC97 stereo audio with dual output 6W amplifier
- Accepts wide range of ATX supported DC power inputs from 12 V ~ 24 V
- Anti-vibration to ensure maximum reliability
- Easy integration, easy maintenance, few parts

## Specifications

| | | |
|---|---|---|
| **Processor System** | CPU | Intel Ultra Low Voltage or Low Voltage Pentium M/Celeron M Processors:<br>ULV Celeron M 1.0 GHz (0 KB L2 Cache)<br>LV Pentium M 1.4 GHz (1 MB L2 Chache) |
| | System Chipset | Intel 852GM GMCH or Intel 855GME chipset<br>Intel ICH4 chipset, 400 MHz FSB |
| | BIOS | 4-Mbit Flash BIOS, supports Plug & Play, APM 1.2 |
| | System Memory | 1 x 200-pin SO-DIMM socket<br>Supports DDR SDRAM up to 1GB |
| **Graphics** | Chipset | Integrated graphics built-in Intel 852 GM GMCH or 855 GME GMCH, utilizing Intel Extreme Graphics 2 technology |
| | Memory | Dynamic video memory allocation up to 64 MB |
| | Interface | CRT interface<br>36-bit LVDS |
| **Ethernet** | Controller | Intel 82551QM 10/100BaseT Ethernet controller |
| **Audio** | Amplifier | Dual output 6 W Amplifier |
| | Interface | Speaker-out, Mic-in, Line-in |
| **Wireless** | 802.11b/g Wireless LAN | Built-in integrated MAC/baseband processor, supports IEEE 802.11b and 802.11g standard protocol and operates in the 2.4 GHz frequency bands<br>Supports data speeds up to 54 Mbps<br>Built-in system antenna support |
| **Others** | USB Interface | Integrated USB 2.0 controller on ICH4 chipset<br>Supports 3 x USB 2.0 ports |
| | COM Interface | Supports 1 x RS-232 port, and 1 x RS-232/422/485 port |
| | Watchdog Timer | 255 level timer interval, setup by software |
| | Keyboard/Mouse | Supports PS/2 mouse and PS/2 keyboard |
| **Storage** | HDD | Supports drive bay space for 2.5" HDD |
| | SSD | Supports CompactFlash socket for Type I/II CompactFlash disk |
| **Software Options** | | Windows XP Embedded, Windows 2000/XP |
| **Mechanical** | Construction | Aluminum housing |
| | Mounting | Desk/wall-mounting<br>Din-Rail mounting Kit |
| | Dimensions (W x H x D) | 264.5 mm x 69.2 mm x 137.25 mm (10.41" x 2.72" x 5.4") |
| | Weight | 2 kg (4.4 lb) |
| **Power** | Power Cunsumption | Typical: 24 W, Max 36 W |
| | Input Voltage | 12 Vdc ~ 24 Vdc,12 Vdc @ 3 A, 24 Vdc @ 1.5 A |

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