



Features

- Onboard Intel® Celeron® 807UE Processors, 1.0GHz
- 1x DDR3 SO-DIMM, Max. 8GB
- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Supports DVI-I and LVDS(24-bit dual channel)
- Dual Gigabit LAN
- Watchdog timer
- 6x USB 2.0, 2x USB 3.0, 2x COM, 2x SATA III



System

| | |
|-----------------|---|
| CPU | Intel® Celeron® 807UE Processors, 1.0GHz |
| System Memory | 1x DDR3 SO-DIMM, Max. 8GB (Non-ECC) |
| System Chipset | Intel® HM65 PCH |
| BIOS | AMI BIOS |
| Watchdog Timer | 256 levels |
| SSD | N/A |
| H/W Monitor | Yes |
| Expansion Slots | 1x Mini PCI-E - w/ USB signal (full-size) |

Graphics

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|-------------------|--|
| VGA Controller | Intel® Celeron® processor integrated graphics Gen 5.75 |
| VGA Memory | Max. shared memory – 1024MB |
| Display Interface | Support VGA, DVI and 24-bit dual channel LVDS |

LAN

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|------------|--|
| Controller | Intel® 82579V Gigabit LAN PHY Intel® 82583V PCI-E Gigabit LAN |
| Connector | 2x RJ-45 on board |

Multi I/O

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|-------------|---|
| I/O Chipset | Fintek F81866AD-I 1x RS232 1x RS232/422/485 (jumperless select) 2x SATA III |
| USB | 2 ports USB 3.0 on board 2 ports USB 2.0 on board, 4 ports USB 2.0 via pin header |
| Audio | Intel® HM65 built-in HD audio controller w/ Realtek ALC662 Codec for 5.1 CH |
| Others | Digital I/O, +12V ~ +24V DC in, iSMART |

Mechanical and Environmental

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|------------------------|---|
| Dimensions | 102mm x 147mm (4" x 5.8") |
| Max. Power Requirement | Intel® Celeron® 807UE 1.0 GHz w/ 2GB DDR3-1333 +12V: 1.8A |
| Operating Temperature | 0°C~60°C (32°F~140°F) |
| Storage Temperature | -20°C~80°C (-4°F~176°F) |
| Relative Humidity | 10%~90% (non-condensing) |

Ordering Information

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|-------------|--|
| IB906-1G | Intel® Celeron® 807UE 3.5-inch Disk Size SBC w/ DVI-I (CRT+DVI), 24-bit LVDS & Dual GbE LAN, iSMART, 12V~24V DC-in |
| HSIB906-BGA | Heatsink for IB906-1G |

Dimensions Drawing

