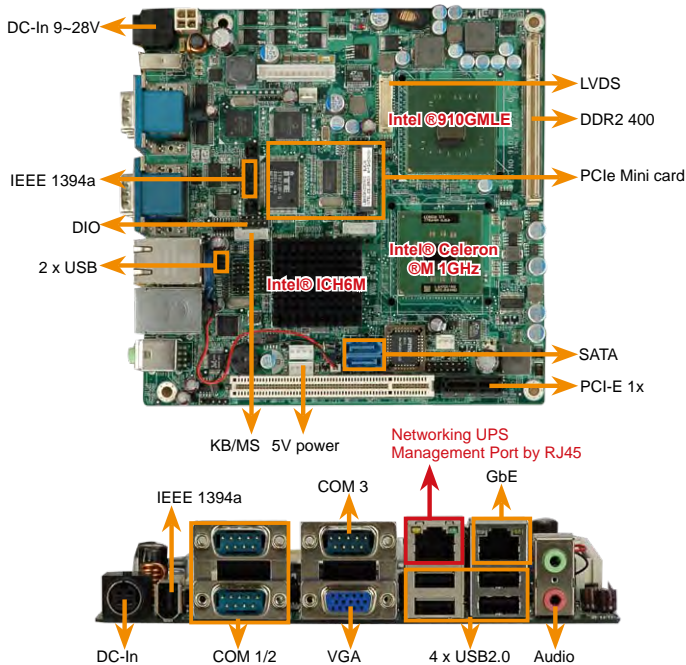


# eKINO-9102/9152 Mini-ITX Motherboard with AUPS sub-system, Intel® Pentium®M/ Celeron®M CPU, Wide range 9-28VDC input



Solder Side

IEEE1394a port with bracket to 8pin(1x8) connector

19800-000103-RS

## IEI AUPS sub-system Benefit:

- Provides power immediately and maintains power for certain period of time.
- Continues to provide stable power to equipment and absorbs power surges
- Smooth out noisy power sources.



IEI motherboard with AUPS sub-system kits

## BATKIT-2S2P3800-R10

BAT-LI-2S2P3800  
2S2P 7.4V 3800mAH

Base board

Connection board

Connection cable



## Specifications

- ◆ Form Factor  
Mini ITX
- ◆ CPU  
On board Intel® Celeron® M 1GHz with 512K L2 Cache CPU  
Socket479 Intel® Pentium®M/ Celeron®M CPU with 400/533MHz FSB
- ◆ System Chipset  
Intel 910GMLE+ ICH6-M  
Intel 915GME+ ICH6-M
- ◆ BIOS  
AMI BIOS
- ◆ Memory  
One 200-pin DDR2 400MHz SDRAM SO-DIMM supported (eKINO-9102 system max. 2GB)  
One 200-pin DDR2 400/533MHz SDRAM SO-DIMM supported (eKINO-9152 system max. 2GB)
- ◆ Ethernet  
1 x RTL8111CP PCIe GbE LAN controller
- ◆ Display Output  
VGA Integrated in Intel® 910GMLE/915GME  
24-bits dual-channel LVDS by Intel® 910GMLE/915GME
- ◆ Graphic  
Intel® Graphics Media Accelerator 900
- ◆ I/O Interfaces  
6 x USB2.0  
2 x RS-232  
2 x IEEE1394a(1 port by Rear IO, 1 port by CN3)  
1 x 6pin box header (2.0mm pitch) for KB/MS
- ◆ Expansion  
1 x PCI  
1 x PCIe mini card  
1 x PCIe x1
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super IO  
ITE IT8718F
- ◆ Audio  
AC'97 with Realtek ALC655 codec
- ◆ DC connector  
2pcs 1x4pin 5V power connector (Major for 2.5" HDD used)
- ◆ SSD  
CompactFlash Type II
- ◆ WDT  
Software programmable supports 1~255 sec. system reset
- ◆ Power Supply  
Maximum input voltage range 9V~28V  
Recommend operating input voltage range 12V~24V  
1x external DIN 4pin DC jack  
1x internal 2x2pin power connector
- ◆ Power Consumption  
2.57A@12V(Intel® Celeron®M 1GHz with 2GB DDR2)
- ◆ Temperature  
Operation: 0°C ~ 40°C with AUPS sub-system  
Operation: 0°C ~ 60°C without AUPS sub-system
- ◆ Humidity  
Operation: 5% ~95% non-condensing
- ◆ Dimensions  
170mm x 170mm
- ◆ Weight  
GW: 1100 g / NW: 400g

## Features

1. Equipped AUPS sub-system as a simple UPS system
2. IBX600 Series Embedded System
3. Intel® Pentium®M and Celeron®M FSB400/533 MHz CPU
4. Single voltage wide range 9~28VDC input
5. Support DDR2 400/533MHz SO-DIMM Memory up to 2GB
6. Support PCI Express Mini Card
7. VGA, 24 bits LVDS for Dual Display output
8. CF Socket for SSD Storage Expansion

## Packing List

- 1 x eKINO-9102/eKINO-9152 single board computer
- 1 x KB/MS Y cable (PN:32000-023800-RS)
- 1 x I/O shielding (P/N:45014-0024C0-00-RS )
- 1 x Dual USB cable(PN:32000-070301-RS)
- 2 x SATA 5V power output cable Kits (P/N:32000-123000-RS )
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
eKINO-9102-1G512-R10	Mini-ITX Motherboard with AUPS sub-system, Intel® Celeron® M 1GHz 512K Cache CPU, 910GMLE, Wide range 9-28VDC input
eKINO-9102CF-1G512-R10	Mini-ITX Motherboard with AUPS sub-system, Intel® Celeron® M 1GHz 512K Cache CPU, 910GMLE, Wide range 9-28VDC input, CF Card
eKINO-9152-R10	Mini-ITX Motherboard with AUPS sub-system, Intel® Pentium®M/ Celeron®M CPU, 915GME, Wide range 9-28VDC input
eKINO-9152CF-R10	Mini-ITX Motherboard with AUPS sub-system, Intel® Pentium®M/ Celeron®M CPU, 915GME, Wide range 9-28VDC input, CF Card
IBX-600-9102UPS-R10/CM373/1GB	Embedded system with UPS function, Intel® Celeron® M 1 GHz 512K cache CPU, 910GMLE, 1GB DDR2, 802.11b/g wireless, Li-ion Battery(2S2P), 9~28VDC in, 60W adaptor, white, RoHS
CF-479B-RS	CPU Cooler (50mm x 50mm x 26mm, 50W)
WMPGIE-V01-R10	PCIe Mini card wireless LAN Module
BAT-LI-2S2P3800	2S2P 7.4V 3800mAH SMART BATTERY
BATKIT-2S2P3800-R10	2S2P 7.4V 3800mAH AUPS BATTERY KIT
19800-000103-RS	Single port IEEE1394a Cable
63000-FSP0601AD101C746-RS	60W/12V Power Adaptor 90VAC~260VA, DIN 4 PIN
SAIDE-KIT01-R10	SATA to IDE/CF Converter board