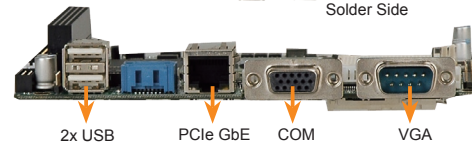
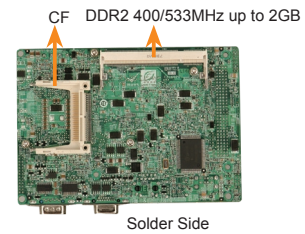
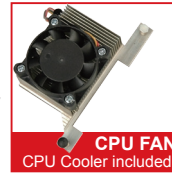
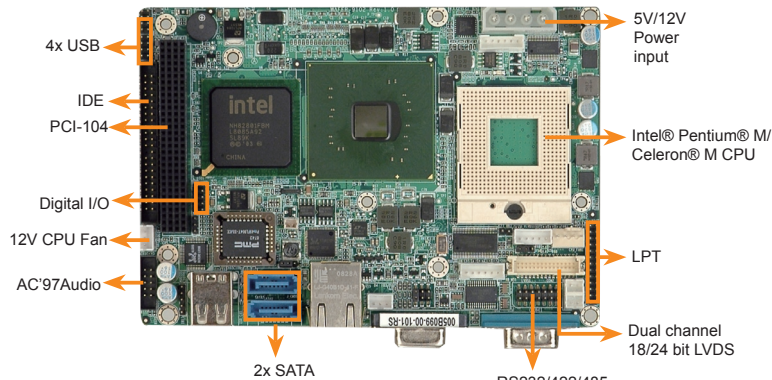


# WAFER-9102

3.5" SBC, Socket 479 Intel® Pentium® M / Celeron® M CPU, VGA/LVDS, LAN, USB 2.0 and Audio

48bit LVDS Support



## Specifications

- ◆ CPU  
Socket 479 Intel® Pentium® M, Celeron® M processor with a 400MHz FSB On board Intel® Celeron® M 1GHz zero cache or 1GHz 512KB cache processor
- ◆ System Chipset  
Intel® 910GML E + ICH6-M
- ◆ BIOS  
AMI Flash BIOS
- ◆ System Memory  
One 200-pin 400MHz DDR2 SDRAM SO-DIMM supported (system max.2GB)
- ◆ Ethernet  
Realtek RTL8111CP PCIe GbE Chipset
- ◆ I/O Interface  
1 x RS-232                    1 x RS-232/422/485  
6 x USB 2.0                2 x SATA  
1 x IDE                        1 x LPT  
1 x PS2 KB/MS            1 x CF type II
- ◆ Infrared Interface  
1 x Infrared Interface by pin header
- ◆ Expansion  
PCI-104 (PCI Bus)
- ◆ Super I/O  
ITE IT8718
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input / 4-bit output
- ◆ Audio  
Realtek ALC655 with AC'97 codec
- ◆ Display Interface  
Intel® Graphics Media Accelerator 900  
VGA Integrated in Intel 910GML E  
18/24-bit Dual channel LVDS
- ◆ Watchdog Timer  
Software programmable supports 1 ~255 sec. System reset
- ◆ Power Supply  
5V/12V, AT/ATX support
- ◆ Power consumption  
5V@ 3.11A, 12V@0.37A (Intel® Celeron® M 373 1.0G with 1GB DDR2)  
5V@2.94A, 12V@1.57A (Intel® Pentium® M 725 1.6G with 1GB DDR2)
- ◆ Temperature  
operation: 0°C~ 60°C (32°F~ 140°F)
- ◆ Humidity  
operation: 5% ~95 non-condensing
- ◆ Dimension  
146 mm x 102 mm
- ◆ Weight  
GW: 700g NW 230g

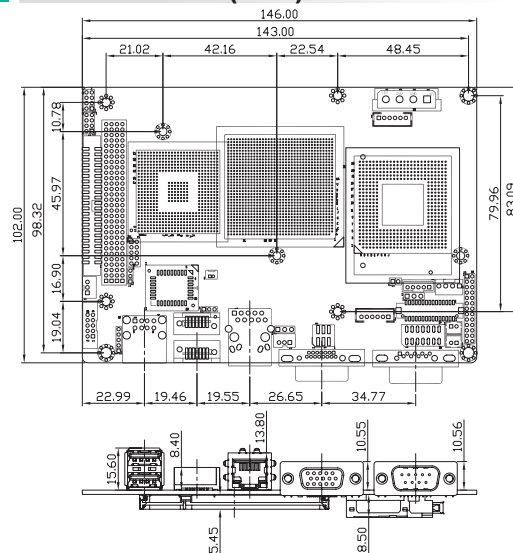
## Packing List

- 1 x WAFER-9102 Single board computer
- 2 x SATA Cable (P/N: 32000-062800-RS)
- 1 x KB/MS Cable (P/N: 32000-023800-RS)
- 1 x Audio Cable (P/N: 32000-072100-RS)
- 1 x Cooler (WAFER-9102-R10)
- 1 x Mini Jumper pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

## Features

1. Socket 479 Intel® Pentium® M / Celeron® M Processor with 400MHz FSB CPU
2. DDR2 SODIMM 400 MHz support up to 2GB
3. Dual Channel 18/24 bit LVDS support
4. High performance Realtek PCI Express Gigabit Ethernet
5. Support 2 x SATA, 6 x USB 2.0

## Dimensions (mm)



## Ordering Information

Part No.	Description
WAFER-9102-R10	3.5" SBC, Socket 479 with Intel® Pentium® M/ Celeron® M processor with 400MHz FSB CPU, VGA/LVDS, PCIe GbE, USB2.0, SATA and Audio
WAFER-9102-1GZ-R10	3.5" SBC, Intel® Celeron® M 1GHz zero cache CPU with VGA/LVDS, PCIe GbE, USB2.0, SATA and Audio
WAFER-9102-1G512-R10	3.5" SBC, Intel® Celeron® M 1GHz 512KB cache CPU with VGA/LVDS, PCIe GbE, USB2.0, SATA and Audio
32000-070300-RS	Dual Port USB Cable
32200-026500-RS	RS-232/422/485 Cable
32100-043403-RS	ATX Power Cable
32100-088600-RS	SATA Power Cable
32000-015100-RS	LPT Cable
32200-000009-RS	44pin 2.5" IDE cable
32200-008800-RS	44pin 2.5"/3.5" IDE cable