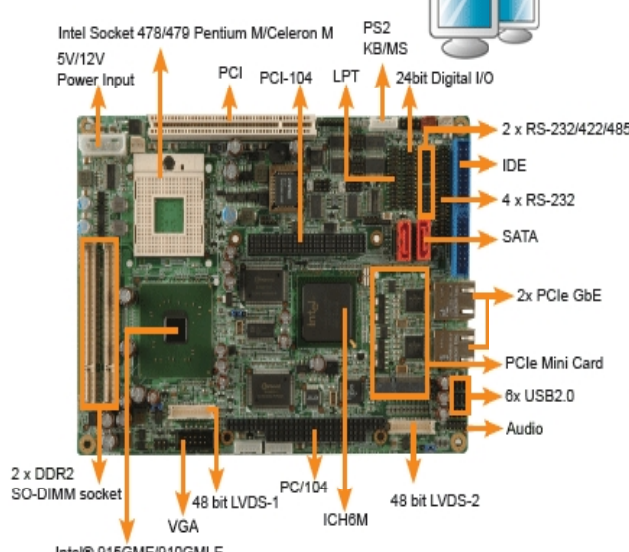
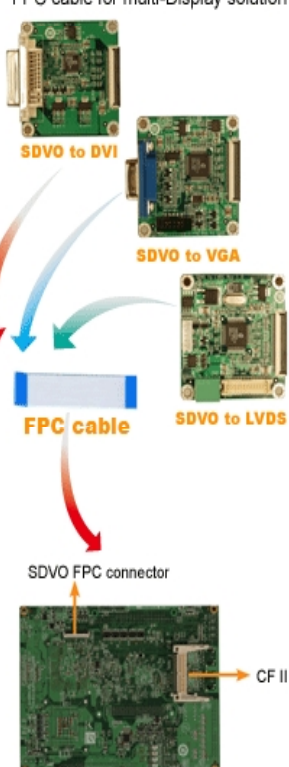


NOVA-9152/NOVA-9102

PC/104 +PCIe Mini Card/PCI slot support
Dual 48bit LVDS Support



SDVO ports support through FPC cable for multi-Display solution



Features

1. Socket 479 Intel® Pentium® M/Celeron® M processor with 400/533 MHz FSB
2. On board Celeron M 600MHz/1Ghz Processor with 400MHz FSB
3. Dual 48 bit LVDS support (NOVA-9152)
4. One SDVO port for SDVO display card support for DVI/VGA/LVDS
5. Two High performance Realtek PCI Express Gigabit Ethernet controller
6. Support 24-bit Digital Input/output function

[Intel Embedded CPU Support List](#)

[Packing and Ordering Information](#)

[Specifications](#)

Intel Embedded CPU Support List

Chipset	CPU Socket	Brand Name	Code Name	EID CPU Number	Clock Speed (GHz)	FSB (MHz)	L2 Cache	TDP
915GME	Socket 479	Pentium M	Dothan	760 (PGA/BGA)	2.00	533	2M	27W
				745 (PGA/BGA)	1.80	400	2M	21W
				738 (BGA)	1.40	400	2M	10W
			Banias	N/A (PGA/BGA)	1.60	400	1M	24.5W
				N/A (BGA)	1.10	400	1M	12W
915GME 910GMLE		Celeron M	Dothan	370 (PGA/BGA)	1.50	400	1M	21W
				373 (BGA)	1.00	400	512KB	5.5W
			Banias	320 (PGA/BGA)	1.30	400	512KB	24.5W
				N/A (BGA)	600MHz	400	512KB	7W

Specifications

Model Name	NOVA-9152-R10 NOVA-9152LVDS2-R10	NOVA-9102-1GZ-R10 NOVA-9102-1G512-R10
CPU	Socket 479 support	On-board Intel® Celeron® M 1GHz / Zero Cache CPU
	support Support Pentium® M 533/400MHz FSB / Celeron M	
	400MHz FSB (Dothan & Banias)	On-board Intel® Celeron® M 1GHz / 512KB Cache CPU
NB	Intel 915GME/ICH6M	Intel 910GMLE/ICH6M
Display	Analog CRT/2x 48-bit LVDS/SDVO Port	Analog CRT/48-bit LVDS/SDVO port
Memory	2x DDRII 400/533 SODIMM socket support up to 2GB	2x DDRII 400 SODIMM socket support up to 2GB
BIOS	AMI BIOS Label	AMI BIOS Label
SSD	CFII	CFII
Audio	AC'97 (Realtek AL655) by Audio Kit	AC'97 (Realtek AL655) by Audio Kit
LAN	Dual PCIe x1 GbE Realtek RTL8111CP	Dual PCIe x1 GbE Realtek RTL8111CP
COM	4x RS232, 2x RS232/422/485	4x RS232, 2x RS232/422/485
USB2.0	6x USB 2.0	6x USB 2.0
IDE	1x IDE	1x IDE
LPT	1x LPT	1x LPT
SATA	2x SATA	2x SATA
KB/MS	PSII tpye(1x6 Pin header)	PSII tpye(1x6 Pin header)
WDT	By supper I/O	By supper I/O
Extension	1x PCI , 1x PCI-104, 1xPC/104, 1x PCIe express mini card	1x PCI , 1x PCI-104, 1xPC/104, 1x PCIeexpress mini card
IrDA	By super I/O	By super I/O
Digital I/O	24-bit support 12 input/12 output	24-bit support 12 input/12 output
Power	5V/12V,AT/ATX Power support	5V/12V,AT/ATX Power support

Packing and Ordering Information

Packing List

1x NOVA-9152/9102 SBC
1x Mini Jumper Pack
1x ATA 66 Flat cable (P/N:32200-000052-RS)
2x SATA cable (P/N:32000-062800-RS)
1x SATA Power cable (P/N:32100-088600-RS)
1x VGA Cable (P/N:32000-033800-RS)
1x KB/MS Y cable (P/N: 32000-023800-RS)
1x 4 ports RS232 adapter cable (P/N: 32100-147900-RS)
1x USB cable (P/N:32000-044300-RS)
1x Utility CD
1x QIG

Ordering Information

Part No.	Description
NOVA-9152-R10	5.25" SBC, Intel Pentium M/Celeron M CPU with VGA/LVDS, Dual PCIe GbE, USB2.0, SATA and Audio
NOVA-9152LVDS2-R10	5.25" SBC, Intel Pentium M/Celeron M CPU with VGA/LVDS x2, Dual PCIe GbE, USB2.0, SATA and Audio
NOVA-9102-1GZ-R10	5.25" SBC, Intel Celeron M 1GHz zero cache CPU with VGA/LVDS x2, Dual PCIe GbE, USB2.0, SATA and Audio
NOVA-9102-1G512-R10	5.25" SBC, Intel Celeron M 1GHz 512KB cache CPU with VGA/LVDS, Dual PCIe GbE, USB2.0, SATA and Audio
IO-KIT-4COM-R10: 4COM Ports Adapter Board	
CF-479B-RS: Mobile socket 479 CPU Cooler	
32200-015100-RS: LPT cable	
32100-052100-RS: ATX power cable	
32200-026500-RS: RS-232/422/485 cable	
AC-KIT08R-R10: 5.1 Channel AC'97 audio kit with Realtek ALC655	

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