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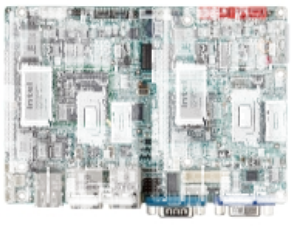
WAFER-945GSE2

3.5" SBC with Intel® Atom™ N270 1.6G, VGA/LVDS, Dual GbE, CF Type II, USB, SATA, 1GB on-board Memory and PC/104



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Sales Inquiry > Click Here

Downloads

- QIG
- BIOS
- User Manual
- Driver

Features

1. Intel® Atom™ N270 1.6GHz processor for ultra low voltage fanless support
2. Support VGA and LVDS for dual display
3. On-board 1GB DDR2 memory
4. Support two COM, six USB 2.0, two SATA and one CF Type II socket
5. Support PC/104 ISA expansion slot
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

CPU	Intel® Atom™ processor N270 1.6GHz with a 533MHz FSB
System Chipset	Intel® 945GSE Intel® 82801GBM/ICH7M
BIOS	AMI BIOS
System Memory	1GB on-board DDR2 SDRAM
Ethernet	Dual LAN: Realtek RTL8111E controllers
I/O Interface	1 x CF Type II 1 x PS/2 for KB/MS 1 x RS-232 1 x RS-232/422/485 2 x SATA 6 x USB 2.0
Digital I/O	8-bit digital I/O (4-bit input, 4-bit output)
Super I/O	ITE IT8718
Audio	Realtek ALC662 with HD Audio codec
Display Interfaces	Intel® Graphics Media Accelerator 950 VGA integrated in Intel® 945GSE 18-bit dual-channel LVDS integrated in Intel® 945GSE
Expansion	PC/104 (ISA Bus, not support ISA DMA Mode)
Watchdog Timer	Software programmable supports 1~255 sec. system reset by Super I/O
Power Supply	5V only, 12V for LCD/system fan, AT/ATX support
Power Consumption	5V@2.36A (Intel® Atom™ N270 1.6G with onboard 1GB DDR2)
Operating Temperature	0°C ~ 60°C (WAFER-945GSE2-N270-R20) -20°C ~ 70°C (WAFER-945GSE2-N270W-R20)
Storage Temperature	-30°C ~ 80°C
Humidity	5% ~ 95%, non-condensing
Dimensions	146 mm x 102 mm
Weight	GW: 700g/NW 230g

Ordering Information

Part No.	Description
WAFER-945GSE2-N270-R20	3.5" SBC with Intel® Atom™ processor N270 1.6G, VGA/LVDS, Dual GbE, CF Type II, USB, SATA, on board 1GB memory and PC/104
WAFER-945GSE2-N270W-R20	3.5" SBC with Intel® Atom™ processor N270 1.6G, VGA/LVDS, Dual GbE, CF Type II, USB, SATA, on board 1GB memory and PC/104, -20°C ~ 70°C
32000-070301-RS	Dual port USB cable
32200-026500-RS	RS-232/422/485 cable
32102-022100-100-RS	ATX power cable
32102-000100-200-RS	SATA power cable

Packing List

1 * WAFER-945GSE2 single board computer	1 * Audio cable (P/N:32000-072100-RS)
1 * KB/MS cable (P/N:32000-023800-RS)	4 * Plastic intermediate pole for PC/104
2 * SATA cable (P/N:32000-062800-RS)	1 * Mini jumper pack
1 * Utility CD	1 * QIG (Quick Installation Guide)
1 * One Key Recovery CD	

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