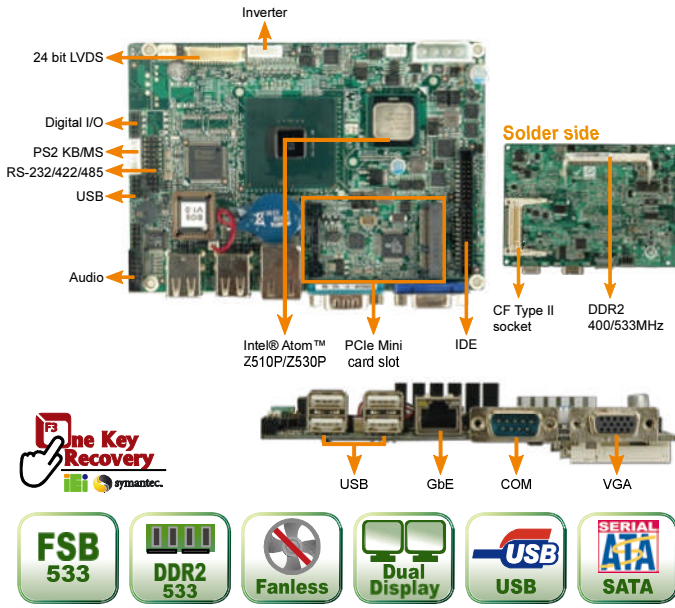


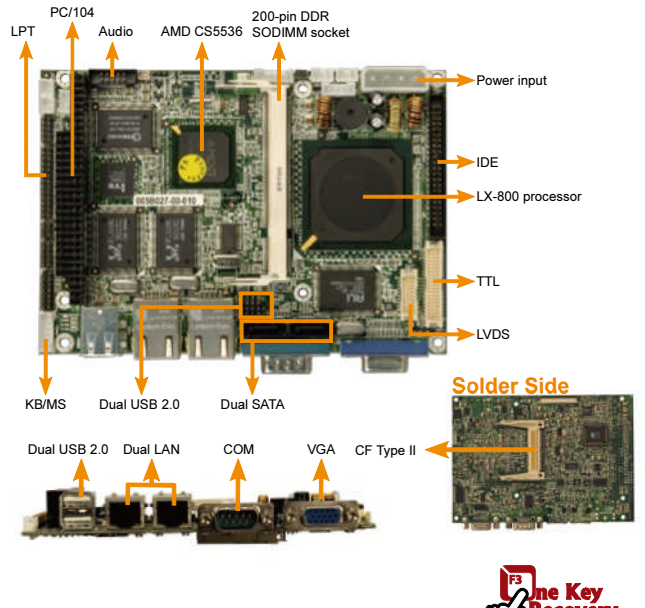
WAFER-US15WP

3.5" SBC with Intel® Atom™ Processor Z510P/Z530P



WAFER-LX-R12

3.5" SBC with AMD® Geode LX800 on-board processor VGA/LVDS/TTL, Dual LAN and SATA



Features

1. Intel® Atom™ Z510P/Z530P CPU for ultra low voltage fanless support
2. Support VGA and 24-bit single LVDS for dual independent display
3. High graphic performance supports H.264, MPEG 1/2/4, VC1/WMV9 high definition decode
4. Support two COM ports, six USB ports and CF Type II socket
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
 - Intel® Atom™ Processor Z530P 1.6GHz with a 533MHz FSB
 - Intel® Atom™ Processor Z510P 1.1GHz with a 400MHz FSB
- ◆ System Chipset
 - Intel® US15WP
- ◆ BIOS
 - AMI BIOS
- ◆ System Memory
 - One 200-pin 400/533MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet
 - One PCIe Intel® 82574L GbE Chipset
- ◆ I/O interface
 - 6 x USB 2.0
 - 1 x RS-232
 - 1 x PS/2 for KB/MS
 - 1 x CF Type II
- ◆ Expansions
 - 1 x PCIe mini card
- ◆ Super IO
 - ITE IT8718
- ◆ Digital I/O
 - 8-bit digital I/O, 4-bit input/4-bit output by super I/O
- ◆ Audio
 - HD interface with Realtek ALC888 codec
- ◆ Display Interface
 - Intel® Graphics Media Accelerator 500 (GMA500)
 - VGA support by Chronitel CH7317A
 - 18/24 bit Single-channel LVDS intergrated in Intel® US15WP
- ◆ Watchdog Timer
 - software programmable 1-255 sec. by super I/O
- ◆ Power Supply
 - 5V only, AT/ATX support
- ◆ Power Consumption
 - 5V@1.48A (Intel® Atom™ Z530P 1.6GHz with 1GB DDR2)
- ◆ Temperature operation:
 - 0 ~ 60°C (32 ~ 140°F)
- ◆ Humidity operation:
 - 5% ~95% non-condensing
- ◆ Dimensions
 - 146 mm x 102 mm
- ◆ Weight
 - GW: 650g / NW: 230g

Packing List

1 x WAFER-US15WP single board computer	
1 x KB/MS cable (P/N: 32000-023800-RS)	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)	
1 x Audio cable (P/N: 32000-072100-RS)	1 x Mini jumper
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
WAFER-US15WP-Z530P-R10	3.5" SBC with Intel® Atom™ Z530P 1.6GHz, VGA/24 bit LVDS, GbE, CF Type II, USB, audio
WAFER-US15WP-Z510P-R10	3.5" SBC with Intel® Atom™ Z510P 1.1GHz, VGA/24 bit LVDS, GbE, CF Type II, USB, audio
32000-070301-RS	Dual port USB cable
32200-026500-RS	RS-232/422/485 cable
32100-052100-RS	ATX power cable

Features

1. 3.5" form factor, AMD® LX800 processor embedded board with RoHS compliant
2. DDR 333/400MHz SO-DIMM SDRAM up to 1GB
3. Complete I/O support with two SATA, IDE, CF Type II, PC/104, dual LAN and four USB 2.0
4. 24-bit TTL/ 18-bit single-channel LVDS
5. Value embedded applications with low power, fanless design support Windows® XP/CE/XPe
6. The best choice for Thin Client Windows® CE 5.0, XPe OS image with ICA, RDP and IE APs ready
7. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
 - On board AMD® Geode™ LX800 (500MHz) processor
- ◆ System Chipsets
 - AMD® Geode LX800 + AMD® CS5536
- ◆ BIOS
 - Award BIOS
- ◆ System Memory
 - One 200-pin 400/333MHz DDR SDRAM SO-DIMM Supported (system max. 1GB)
- ◆ Ethernet
 - 10/100Mbps dual RTL8100C Ethernet Chipsets
- ◆ I/O Interface
 - 4 x USB 2.0
 - 2 x SATA with VIA VT6421A RAID 0, 1 function support
 - 1 x LPT
 - 1 x CF Type II
 - 2 x RS-232
 - 1 x RS-422/485
 - 1 x PS/2 for KB/MS
 - 1 x IDE
- ◆ Expansion
 - 1 x PC/104
- ◆ Digital I/O
 - 8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ Super I/O
 - W83627EHG
- ◆ Audio
 - Realtek ALC203 with AC'97 Codec
- ◆ Display
 - VGA integrated in AMD® Geode LX800
 - 24 bit TTL
 - 18-bit single channel LVDS
- ◆ Infrared Interface
 - 1 x Infrared Interface by pin header
- ◆ Watchdog Timer
 - Software programmable supports 1-255 sec. system reset
- ◆ Power Supply
 - 5V only, AT/ATX power support
- ◆ Power Consumption
 - 5V@1.53A (AMD® LX800 with DDR 400MHz/ 1GB)
- ◆ Temperature
 - Operating: 0° to 60°C
- ◆ Humidity
 - Operating: 5% to 95%, non-condensing
- ◆ Dimensions
 - 146 mm x 102 mm
- ◆ Weight
 - GW: 670 g / NW: 230 g

Packing List

1 x WAFER-LX800 single board computer	
1 x Audio cable (P/N: 32000-072100-RS)	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)	
1 x SATA power cable (P/N: 32102-000100-200-RS)	
1 x RS-232/422/485 cable (P/N: 32200-026500-RS)	
1 x KB/MS Y cable (P/N: 32000-023800-RS)	2 x SATA cable (P/N: 32000-0628000-RS)
1 x USB cable (P/N: 32000-070301-RS)	1 x Mini jumper pack
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
WAFER-LX-800-R12	3.5" SBC with AMD® LX 800 processor, audio, VGA/LVDS/TTL, dual LAN and SATA connectors
32200-015100-RS	LPT cable

1 Industrial Computing Solutions

2 Video Capture Solutions

3 Embedded Computing Solutions

4 Industrial Data Collector and Controller

5 Panel Solutions Introduction

6 ORing Network Communication

7 Power Supply/ Peripherals