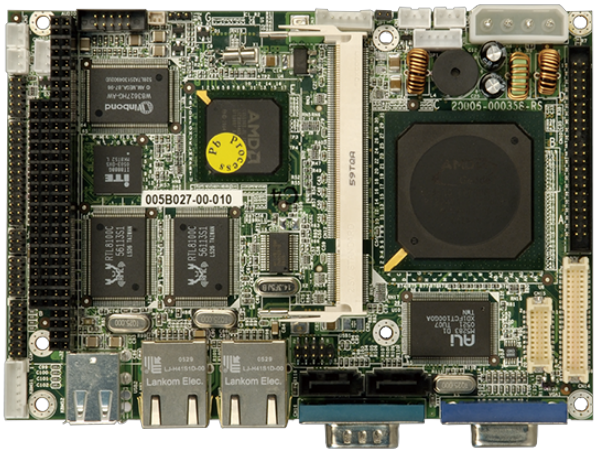
WAFER-LX

3.5” SBC with on-board AMD Geode™ LX 800 Processor



Features

» 3.5” form factor embedded board with AMD Geode™ LX 800 processor and RoHS compliant

» 333/400 MHz DDR SDRAM SO-DIMM supports up to 1 GB

» Complete I/O support with two SATA, IDE, CF Type II, PC/104, dual LAN and four USB 2.0

» 24-bit TTL/18-bit single-channel LVDS

» Value embedded applications with low power and fanless design. Support Windows® XP/CE/XPe

» The best choice for thin client Windows® CE 5.0, XPe OS image with ICA, RDP and IE APs ready

» IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

System	
CPU	AMD Geode™ LX800 (500MHz) processor
Chipset	AMD CS5536
Memory	One 200-pin 400/333MHz DDR SDRAM SODIMM
Memory Max.	1GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	146 X 102
Net Weight	230
Storage	
Storage	1 x Description: IDE(2 x 22 pin, P=2.0)
	2 x SATA 1.5Gb/s(RAID 0, 1support)
	1 x CF Type II Card
I/O Interface	
Display Output	1 x VGA :up to 1920x1440@60Hz
	1 x LVDS :18-bit singel-channel (up to 1280x1024@60Hz)
Ethernet	LAN :10/100Mbps RTL8100C Ethernet Controller
Audio	Description: Realtek ALC203 with AC’97 Codec
I/O Interface	1 x External RS-232
	1 x Internal RS-232 :2x5 pin, P=2.0
	1 x Internal RS-422/485 :2x2 pin, p=2.0
	2 x External USB 2.0
	2 x Internal USB 2.0 :2x4 pin, P=2.0
	1 x PS/2 :1x6 pin
	1 x LPT :2x13 pin, p=2.0
Expansion	1 x PC/104
Power	
Power Consumption	5V@1.53A (AMD LX800 with one 1GB 400MHz DDR memory)
Power Supply	5V only DC input,1 x internal power connector *1 x 4 pin),support AT/ATX mode
Environment	
Operating Temperature	0°C ~ 60°C
Storage Temperature	-10°C ~ 70°C
Humidity	5% ~ 95%, non-condensing

Certifications	
Safety & EMC	CE/FCC compliant

Ordering Information

WAFER-LX-800-R12	3.5" AMD LX800 500MHz CPU Board with LCD/CRT VGA,LAN, SATA,USB2.0,Audio,RoHS

Packing List

1 x WAFER-LX single board computer	1 x Audio cable
1 x KB/MS Y cable	1 x IDE flat cable 44p/44p
1 x RS-232/422/485 cable	1 x Mini jumper pack
1 x SATA power cable	1 x USB cable
1 x QIG	2 x SATA cable