



Features



- ✓ AMD Geode LX800
- ✓ 1 x 10/100Mbps LAN
- ✓ 4 x Isolated RS-232/422/485
- ✓ 4 x Non-Isolated COM

Specification

System	
CPU	Onboard AMD Geode LX800 500MHz
Chipset	AMD LX800 + CS5536
Front Side Bus	200MHz
Memory	1 x 200-pin SO-DIMM socket support 200MHz DDR SDRAM up to 1GB, 256MB pre-installed
Battery	Lithium Battery, 3V 220mAH
BIOS	Award
RTC	System
Hardware Monitoring	1. CPU voltage 2. CPU and system temperature 3. System and CPU Fan speed 4. System Fan speed control
WatchDog Timer	Software programmable 1~63 sec.
OS	Windows XP/XPe/CE, Linux
Video	
Video Controller	AMD Geode LX 800 integrated video controller
Video Interface	1 x VGA port 1 x Dual Channel 18-bit LVDS (Onboard pin header)
Ethernet	
Connector	1 x RJ45
Controller	Realtek RTL8100C (10/100Mbps)
Storage	
IDE	1 x E-IDE (44-pin)
HDD Bay	Anti-Shock 2.5" Disk Bay
SSD	1 x Compact Flash Type II socket
I/O	
Serial Port	3 x RS-232, 1 x RS-232/422/485 (4 x DB9) 4 x Isolated RS-232/422/485 (1 x DB44 includes 4 COM)
USB Port	4 x USB2.0 (4 x external port)
Audio	Stereo Audio output
GPIO	8-bit Digital I/O
Keyboard/Mouse	PS/2 keyboard and mouse connector

Mechanical & Environment	
Construction	Aluminum and Metal
Color	Black
Dimension	250mm x 117mm x 59mm (W x D x H)
Power Supply	60Watt AC to DC 12V power adaptor 90~264V AC input Lockable DC plug-in jack DC 12V single voltage input
Power Requirement	DC 12V single voltage input
Operating Temp.	0~45°C (32~113°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A
Packing List	
1.	ACS-N0631 x 1
2.	Utility CD x 1
3.	60W Power adapter x 1
4.	AC power cord (USA or EU or UK) x 1
5.	IDE 44-pin cable
6.	KB/MS cable
7.	DB44 to 4 x DB9 cable

Ordering Information	
ACS-N0631-8P	ACS-N0631 with AMD Geode LX800 500MHz, 256MB DDR and 60W power adapter