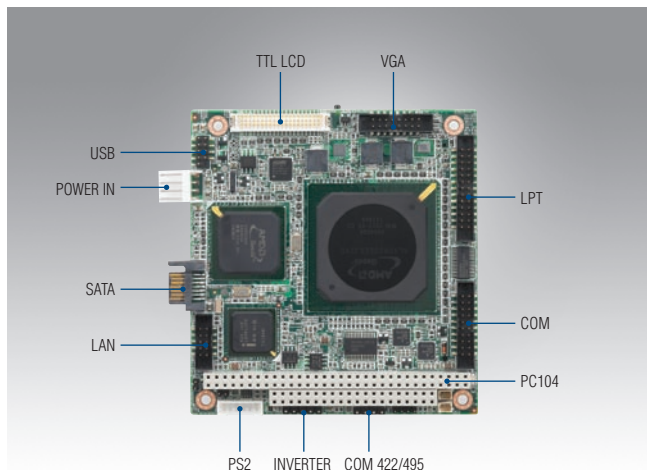


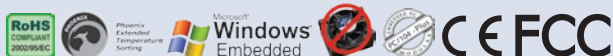
PCM-3355

AMD LX800/LX600 PC/104 CPU Module



Features

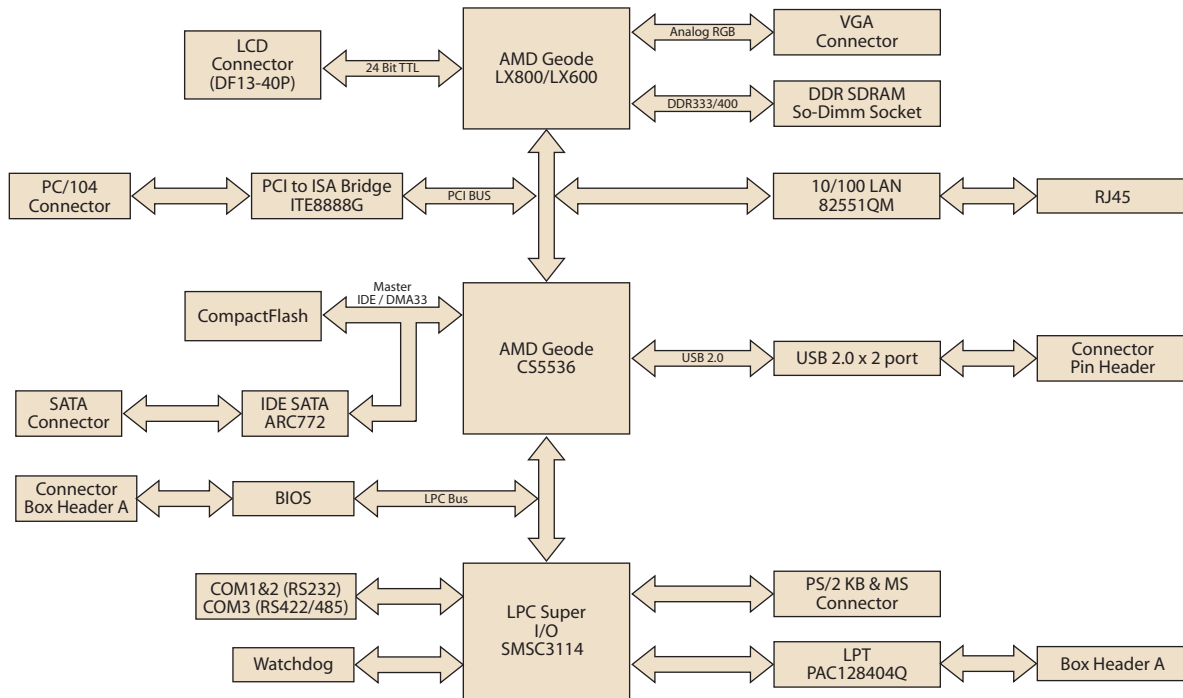
- AMD low power LX800/500 MHz and LX600/366 MHz Processor
- Supports DDR memory
- 24-bit TFT LCD interface
- 10/100 Mbps Ethernet
- Supports two RS-232, one RS-422/485, and two USB 2.0 ports
- PC/104 expansion connector
- Supports Serial ATA Interface



Specifications

Processor System	CPU	AMD Geode™ LX800, 500 MHz	AMD Geode™ LX600, 366 MHz
	L2 Cache	128 KB	128 KB
	Chipset	AMD Geode LX800	
	BIOS	Award 4-Mbit	
Memory	Technology	DDR 333/400 MHz	
	Max. Capacity	1 GB	
	Socket	1 x 200-pin SODIMM	
SSD	CompactFlash	Card Type I	
I/O Interface	LPT	1	
	RS-232	2	
	RS-422/485	1	
	K/B	1	
	Mouse	1	
	USB	2 x USB 2.0	
	Audio	-	
SATA	Max. Data Transfer Rate	66 MB/s (Transfer from IDE)	
	Channel	1	
Expansion Slot	PC/104	1	
Ethernet	Speed	10/100 Mbps	
	Controller	Intel 82551QM	
	Interface	1 x RJ-45 by cable	
Display	Controller	AMD Geode LX800	
	VRAM	Optimized Shared Memory Architecture up to 64 MB system memory	
	TTL LCD	1 x 24-bit TTL	
Environment	Dual Simultaneous Display	CRT + TTL	
	Operating Temperature	0 ~ 60° C (32 ~ 140° F)	
Power	Operating Humidity	0% ~ 90% relative humidity, non-condensing	
	Power Type	AT	
	Power Supply Voltage	5V only to boot up (12 V is optional for LCD inverter and add on card)	
	Power Consumption: Typical (WinXP Idle Mode)	+5 V @ 1.35 A, +12 V @ 0.1 A	
	Power Consumption: Max, Test in HCT	+5 V @ 1.51 A, +12 V @ 0.1 A	
	Power Management	APM1.2	
	Battery	Lithium 3 V / 210 mAH	
Watchdog Timer	Output	System reset	
	Interval	Programmable 1 ~ 255 sec	
Physical Characteristics	Dimensions (L x W)	96 x 90 mm (3.8" x 3.5")	
	Weight	0.162 kg (0.357 lb) (with heat-sink)	

Board Diagram



Ordering Information

Part No.	CPU	Chipset	Memory	TTL	SATA	LAN	USB2.0	RS-232	RS232/422/485	LPT/KB/MS	Audio	PC/104 connector	Thermal Solution	Operating Temp.	Embedded OS
PCM-3355F-LOA1E	AMD LX800	CS5536	DIMM	24-bit	Yes	1 FE	2	1	1	Yes	-	Yes	Passive	0 ~ 60° C	Optional
PCM-3355L-J0A1E	AMD LX600	CS5536	DIMM	24-bit	No	1 FE	2	1	1	Yes	-	Yes	Passive	0 ~ 60° C	Optional
PCM-3355Z-512LA1E	AMD LX800	CS5536	512MB bundle	24-bit	Yes	1 FE	2	1	1	Yes	-	Yes	Passive	-20 ~ 80° C	Optional
PCM-3355Z2-512LA1E	AMD LX800	CS5536	512MB bundle	24-bit	Yes	1 FE	2	1	1	Yes	-	Yes	Passive	-40 ~ 85° C	Optional

Note: For wide temperature, please contact sales rep.

Packing List

Part No.	Description	Quantity
	PCM-3355 SBC	1
1700008894	SATA cable	1
1703060053	Keyboard/Mouse cable	1
1700060202	Y cable (for KB/MS extension)	1
1700005158	Ethernet RJ-45 Conn. conversion cable	1
1700260250	LPT port cable	1
1701160150	VGA cable	1
1703100121	USB cable (bracket type with two USB ports)	2
1703040157	RS-422/485 COM cable	1
1701200220	RS-232 COM cable	1
	Startup manual	1
	CD-ROM (Manual, Driver, Utility)	1