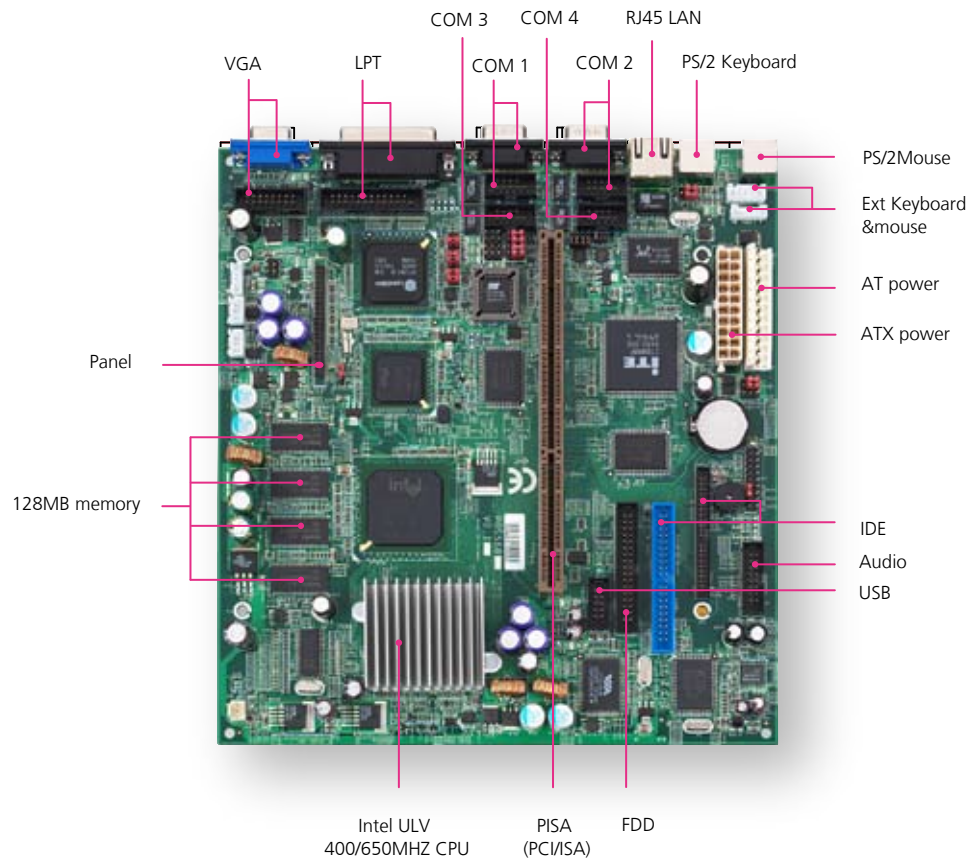


EM-9764

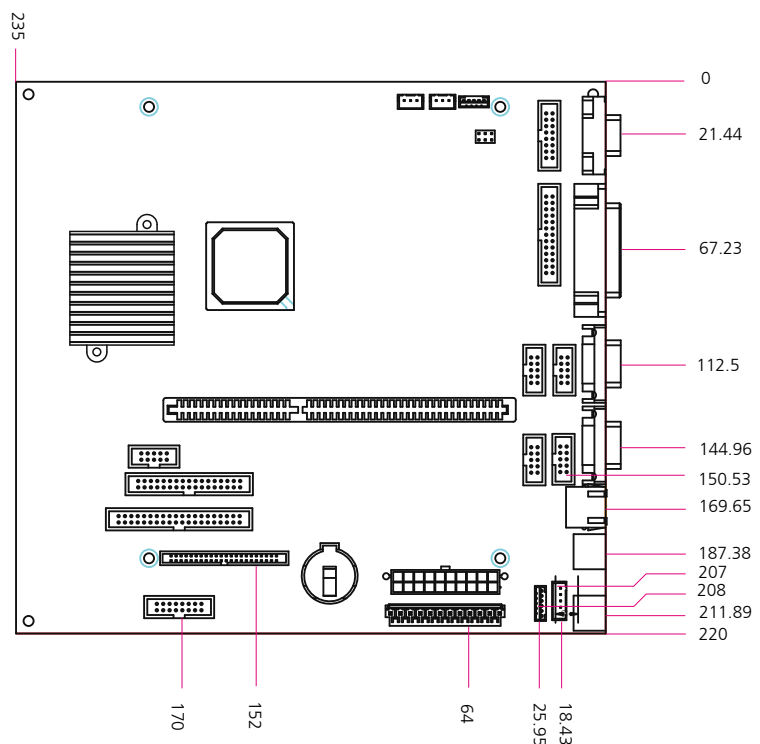
LPX Intel® ULV Celeron® 400/650MHz EBC with VGA/ LAN/ Audio/ Option LCD/ USB

- VGA
- LCD
- AUDIO
- LAN
- LPT
- USB
- COM



FEATURES

- Onboard Intel ULV Celeron 400MHz CPU with fanless / 650MHz CPU
- LPX, 220 mm x 235 mm (8.7" x 9.25") Form Factor
- 128MB SDRAM onboard (16Mbx16 with 4chips).
- Optional LynxEM+ SMI712 includes 4MB of video memory for 18-bit TFT LCD and 24-bit DSTN LCD.
- Onboard Realtek RTL8139C+ 10/100Mbit BASE-T Ethernet.
- C-Media CMI-8738SX PCI sound chip for MIC-In, Line-in and Speaker-out.
- PISA(PCI-ISA), PCI/ISA expansion slot
- VIA VT6212L supports USB V2.0 function.
- 4 COMs / 1 Parallel / 2 IDE / 1 FDD / 2 USBs / 1 LAN / Watchdog / LCD

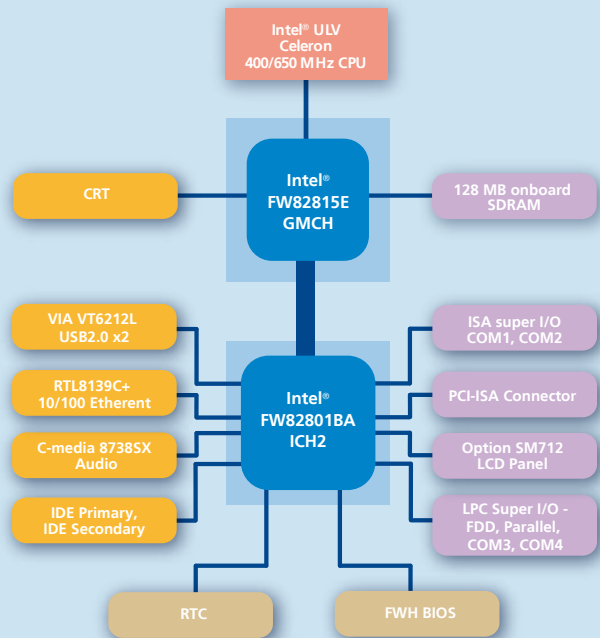


FEATURE	DESCRIPTION		
Platform	Form Factor	LPX	
	Processor	Onboard Intel ULV 400/650MHz	
	Chipset	Intel FW82815E GMCH / ICH2	
	BIOS	Award Flash BIOS	
	Cache Memory	Processor Built-in	
System Memory	Technology	SDRAM	
	Onboard	128MB (16Mbx16 with 4chips)	
Storage Interface	IDE Interface	IDE x2 (Ultra DMA 100)	
	Speed	10/100 Mbps	
Networking	I/O	RJ45 x1	
	Controller	Realtek RTL8139C+	
	Controller	Intel FW82815E GMCH integrated graphic Optional LynxEM+ SMI712 with on-chip 4MB video memory	
Display	Shared memory	supports up to 1MB video memory	
	Output	VGA, LCD	
	Codec	C-Media CMI-8738SX PCI	
Audio	I/O	Mic-in, Line-in, Speaker-out	
	Floppy Drive Interface	FDD header x1	
I/O Interface	Serial Port	RS-232 x3, RS-232/422/485 x1	
	Parallel Port	1	
	Universal Serial Bus	2 (USB 2.0)	
	Bus interface	PCI	
	IR Interface	-	
	Keyboard	PS/2	
	Mouse	PS/2	
	Hardware Monitoring	Controller	Winbond W83627HG-AW integrated Hardware monitor
		RTC	Winbond W83627HG-AW intergrated RTC with Li-Battery
Watchdog timer		256-level time-out intervals	
Cooling	Heatsink & Fan		
Expansion	One PISA Slot (PCI/ISA expansion slot x1)		
Environmental Parameters	Temperature, ambient operating	0~60°C (32~140°F)	
	Humidity (RH), ambient operating	0%~90% relative humidity, non-condensing	
	Storage Temperature	-20~70°C (-4~158°F)	
Physical Dimensions	Dimensions	220 mm x 235 mm (8.7" x 9.25") LPX	
	Input	20-pin ATX Power connector /12-pin (P8,P9) AT Power Connector	
Power	Form Factor	AT/ATX support	
	Consumption	Typically +5V @ 3.9A, +12V @ 20mA (with Intel ULV Celeron 400MHz & 128MB SDRAM)	
	Compliance	CE, FCC,RoHS	

ORDERING INFORMATION

EM-9764A	Intel FW82815E GMCH integrated graphic for CRT Only, Supports CRT output with DB-15 connector
EM-9764B	Include all of EM-9764A function and Onboard SMI712 chip to support 18-bit TFT LCD and 24-bit DSTN LCD

PLATFORM ARCHITECTURE



About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline security, storage and applied computing platforms and solutions. With headquarters in Taipei, Taiwan and branches in the U.S., India, and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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