

Industrial Single Board Computer

3.5" Embedded Miniboard

LE-365

VIA CX700M with DDR2 SO-DIMM 533/400
Onboard VGA, Gigabit LAN, CF Card, Mini-PCI,
USB2.0, Serial ATA, HD Audio, LVDS, DVI and HDTV



Form Factor	3.5 inch Embedded Miniboard
CPU	Embedded VIA V4 Eden processor 1GHz Front side bus: 400MHz Fanless with heatsink
Memory	1 x DDR2 SO-DIMM 533/400 up to 1GB
Chipset	VIA CX700M
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
Power Management	ACPI 1.0 compliant, supports power saving mode
VGA Interface	VIA CX700M integrates UniChrome Pro II 2D/3D graphics & video processor
Video Memory	Up to 128MB shared with system memory
LVDS Interface	Onboard 18/24bit dual channel LVDS connector(optional)
DVI Interface	One Single-Channel DVI panel with onboard 26-pin DVI interface (optional)
PCI Enhanced IDE	One 44-pin Ultra DMA 133/100/66/33 IDE interface supports up to 2 ATAPI devices
SSD	1 x CF connector
Serial ATA interface	2 x Serial ATA interface up to 300MB/s transfer rate
Audio Interface	VIA VT1708A HD Audio
LAN Interface	Realtek RTL8110S-32 Gigabit Ethernet controller
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	2 x Mini-PCI
Internal I/O Port	1 x RS232/422/485, 1 x IrDA, 1 x GPIO, 1 x AUDIO, 1 x CDIN, 1 x LVDS(optional), 1 x LCD Inverter, 1 x DVI(optional), 2 x USB2.0, 1 x 44-pin IDE, 1 x 5V/12V DC out
External I/O Port	1 x COM, 1 x VGA, 1 x RJ45, 2 x USB2.0, 1 x PS2
Power Requirement	8~24V full range DC input
Dimension	146mm x 101mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade
Ordering Code	
LE-365D	Onboard VGA, 1x Gigabit LAN, 4 x USB2.0, 1 x CF, 2 x MinPCI, HD Audio, 1 x Irda, DVI and HDTV(optional)
LE-365X	Onboard VGA, 1x Gigabit LAN, 4 x USB2.0, 1 x CF, 2 x MinPCI, HD Audio, 1 x Irda, LVDS and HDTV(optional)

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