

Industrial Single Board Computer

5.25" Embedded Miniboard LE-565

VIA Embedded V4 Eden 1G

With VGA, LVDS

4 x Giga LAN, 1x Mini PCI, 1 x PCI Slot,

UDMA133 IDE and Compact Flash socket



Form Factor	5.25 inch Embedded Miniboard
CPU	Onboard VIA V4 Eden 1GHz
Memory	One 184-pin DIMM socket supports up to 1G DDR333/400 SDRAM Onboard optional 256MB DDR SDRAM
Chipset	VIA CN700 and VT8237R+
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generate system reset with 1 to 255 sec./min of time out value
Power Management	ACPI 1.0 compliant, supports power saving mode with DC adapter
VGA Interface	VIA CN700 integrated UniChrome Pro 3D/2D Graphics controller MPEG-2 Hardware accelerator integrated
Video Memory	Up to 64MB shared with system memory
LVDS interface	VIA VT1636 LVDS Transmitter, 18/24 bit Dual Channel LVDS
PCI Enhanced IDE	Ultra DMA133 bus master IDE channels up to 4ATAPI devices One 40-Pin IDE1 and one 44-Pin IDE2 interface
Serial ATA interface	2 x Serial ATA interfaces with 150MB/s transfer rate, Raid 0/1 Support
Solid State Disk	Onboard 44-Pin IDE support DOM, CF on solder side
Audio Interface	VIA VT8237R+ integrated with Realtek ALC655 5.1CH AC97 Codec
LAN Interface	4 x Realtek RTL8110S-32 Gigabit Ethernet controller
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x PCI slot, 1 x Mini-PCI socket
Internal I/O Port	1 x PS2, 1 x RS232/422/485, 2 x RS232, 1 x LPT, 1 x IrDA, 1 x GPIO, 1 x AUDIO, 1 x CDIN, 1 x LVDS, 1 x LCD Inverter, 4 x LAN LED, 4 x USB, 1 x FDD
External I/O Port	1 x COM, 1 x VGA, 4 x RJ45, 2 x USB2.0, 1 x 2-pin power jack
Power Requirement	+12V±5% DC Input
Dimension	146mm x 203mm
OperationTemperature	0~60 (32~140F)
Ordering Code	LE-565-P VIA V4 Eden 1G With Onboard VGA, AUDIO, Giga LAN, USB2.0, 4 x COM, FDD, LPT, GPIO, LVDS, Mini PCI, SATA LE-565-256 The same as above and with 256MB DDR SDRAM SPD-080-12 AC-DC Adapter with 12V, 80W DC Jack output

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