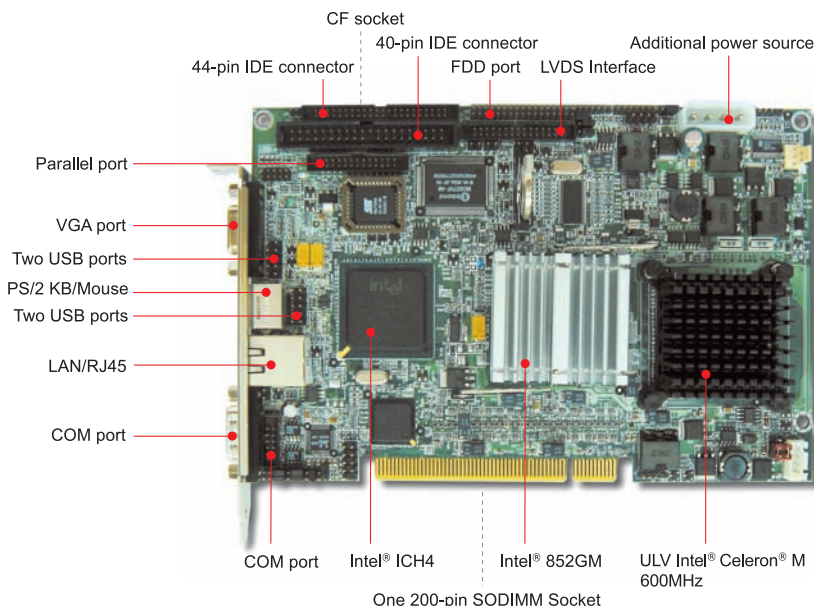


# ROBO-6730VLA

Ultra Low Voltage Intel® Celeron® M processor based half-size PCI SBC with VGA, LCD, LAN and Audio



## FEATURES

- Fanless solution with on-board Ultra Low Voltage Intel® Celeron® M 600MHz processor
- Support dual display function via VGA and LVDS output
- Perfect engine for slim computers with LVDS interface LCD panel
- On-board Intel® 10BASE-T/100BASE-TX Fast Ethernet
- One SODIMM socket at the rear supports up to 1GB system memory
- One Type II Compact Flash at the rear supports up to 1GB flash disk for installation OS without hard drive
- Audio Codec '97 (AC'97) 2.2 for high quality audio architecture
- PCI bus interface for higher flexibility and expandability

## GENERAL

Processor	CPU & Package: Ultra Low Voltage Intel® Celeron® M 600MHz processor FSB: 400MHz
Chipset/Core Logic	Intel® 852GM and ICH4
System Memory	Up to 1GB DDR 200/266/333 SDRAM on one 200-pin SODIMM socket
BIOS	Award BIOS
Storage Devices	Support dual EIDE devices with Ultra DMA 100/66/33
Solid State Disk	- One Type II CF socket - On secondary EIDE channel - Bootable for no drives primary channel
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 sec.
Expansion Interface	N/A
Hardware Monitoring	System monitor (fan, temperature, voltage)
Power Requirement	Typical: +5V@2.0A; +12V@1.5A
Dimension	Dimension : 185(L) x 122(W) mm; 7.3"(L) x 4.8" (W) PCB: 8-layer
Environment	Operating Temperature: 0 to 55°C Storage Temperature: -20 to 75°C Relative Humidity: 5% to 95%, non-condensing
MTBF	115,787 hrs

## ORDERING GUIDE

<b>Standard</b>	<b>ROBO-6730VLA</b> Ultra Low Voltage Intel® Celeron® M processor based half-size PCI SBC with VGA, LCD, LAN and Audio
<b>Optional</b>	<b>PA-M1AU</b> Multimedia kit with audio and USB ports on bracket

## I/O

MIO	Two serial (one on bracket; one RS232/422/485 selectable), one parallel, one FDD channel
IrDA	IrDA 1.0
Ethernet	- 10BASE-T/100BASE-TX Ethernet - IEEE 802.3u auto-negotiation support - One RJ-45 connector
Audio	AC'97 2.2 Audio (Realtek ALC 202A)
USB	Four USB ports
Keyboard & Mouse	One 6-pin mini-DIN connector for keyboard/mouse

## DISPLAY

Graphic Controller	Intel® 852 mobile optimized graphics controller
Graphic Memory	Dynamically allocates 32/64MB system memory for display
Display Interface	Support VGA (DB15 on bracket) and LVDS interface