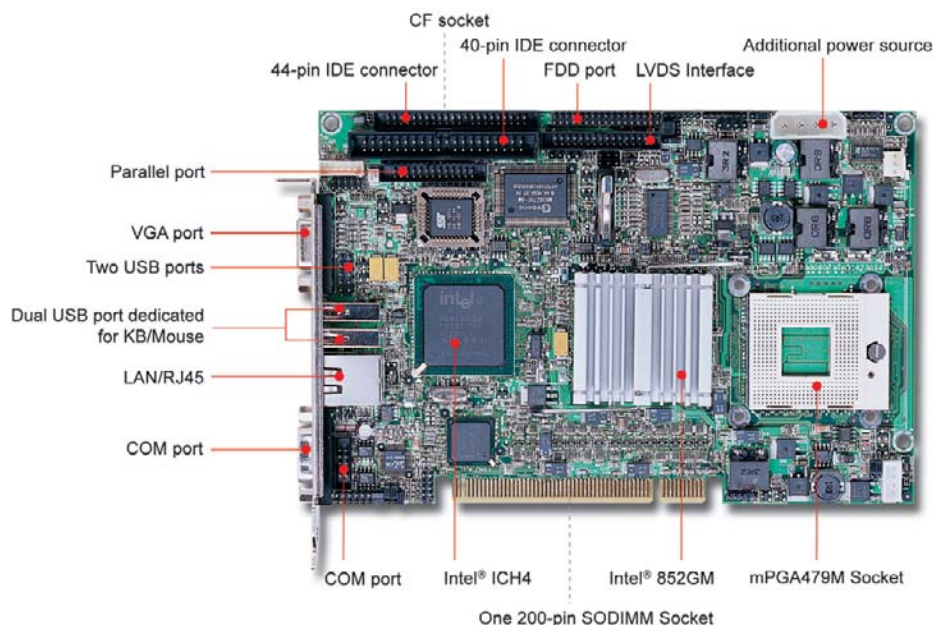


# ROBO-6710VLA

mPGA479M Pentium® M/Celeron® M processor based half-sized PCI SBC with VGA, LCD, LAN and Audio



## FEATURES

- Support Intel® low power consumption 400MHz FSB Pentium® M/Celeron® M processor for thermal/power limited applications
- Fanless solution with on-board Intel® ULV Celeron® M 600MHz processor (ROBO-6730VLA)
- Support dual display function via VGA and LVDS output
- Perfect engine of slim computer with LVDS interface LCD panel
- On-board Intel® 10 BASE-T/100BASE-TX Fast Ethernet
- One SODIMM socket at the rear that supports up to 1GB system memory
- One Type II Compact Flash at the rear that supports up to 1GB flash disk for installation OS without hard drive
- Audio Codec '97 (AC'97) 2.2 for a high quality audio architecture
- PCI bus interface for higher flexibility and expandability

## ORDERING GUIDE

<b>Standard</b>	<b>ROBO-6710VLA</b> mPGA479M Pentium® M/Celeron® M processor based half-sized PCI SBC with VGA, LCD, LAN and audio
	<b>ROBO-6730VLA</b> Intel® ULV Celeron® M processor based half-sized PCI SBC with VGA, LCD, LAN and audio
<b>Optional</b>	<b>PA-M1AU</b> Multimedia kit with audio and USB ports on bracket

## GENERAL

CPU	CPU & Package: Intel® Pentium® M/Celeron® M processor (ROBO-6710VLA) /Intel® ULV Celeron® M 600MHz processor (ROBO-6730VLA) FSB: 400MHz
Chipset	Intel® 852GM and ICH4
Memory	Up to 1GB DDR 200/266/333 SDRAM on one 200-pin SODIMM socket
BIOS	Award BIOS
Display	- Intel® 852GM mobile optimized graphics controller - Dynamical allocates 32/64MB system memory for display - Support VGA (DB15 on bracket) and LVDS interface - Support TV output by project based
Ethernet	- 10 BASE-T/100BASE-TX Ethernet - IEEE 802.3u auto-negotiation support - One RJ-45 connector on bracket
Audio	AC '97 2.2 audio
SCSI	N/A
Expansion Interface	N/A
ISA Bus	N/A
EIDE	- Support dual EIDE channel with Ultra DMA 100/66/33 - One 44-pin and one 40-pin connector
Solid State Disk	- One Type II CF socket - On secondary EIDE channel - Bootable for no drives primary channel
I/O	- On-board Winbond W83627HF super I/O - Up to two floppy disk drives - Two serial (one on bracket; one RS-232/422/485 selectable), one parallel, one IrDA and four USB ports (two on bracket that dedicated for keyboard/mouse)
ACPI Function	- ATX function with 4-pin header connect to backplane - Modem-Ring-On and Wake-On-LAN
Hardware Monitoring	System monitor (fan, temperature, voltage)
Watchdog Timer	- Programmable via software from 0.5 sec. to 254.5 min.
Power Requirement	Typical: +5V@2.0A; +12V@1.5A
Mechanical	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
Approval	CE, FCC Class B