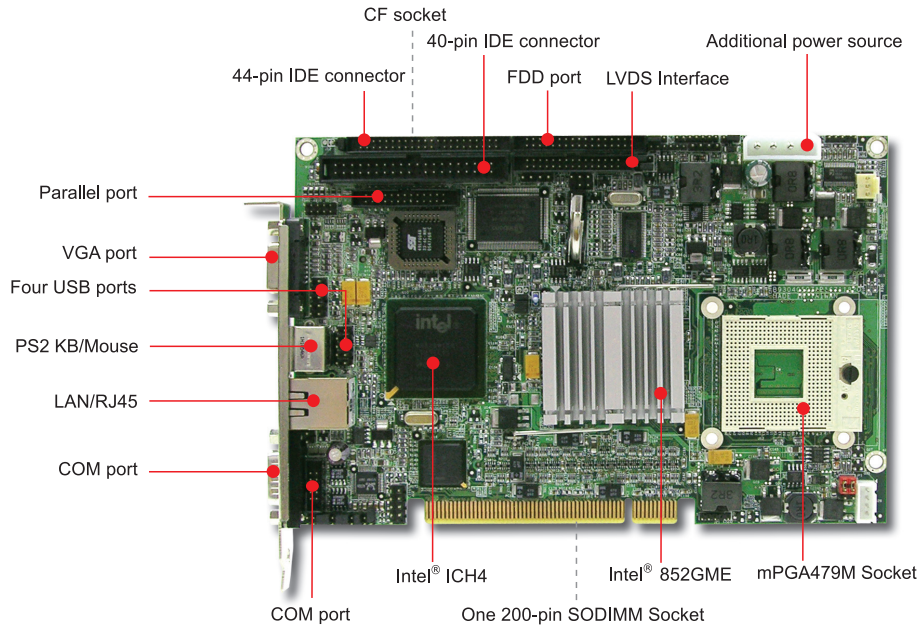


# ROBO-6711VGA

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



## FEATURES

- Support Intel® low power consumption 533/400MHz FSB Pentium® M/Celeron® M processor for thermal/power limited applications
- One SODIMM socket at the rear that supports up to 1GB ECC system memory for critical applications
- 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/1000BASE-T Gigabit Ethernet
- 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
- Optional support TV-out by project

## ORDERING GUIDE

<b>Standard</b>	<b>ROBO-6711VGA</b> mPGA479M Pentium® M/Celeron® M processor based half-size PCI SBC with VGA, LCD, GbE and Audio
<b>Optional</b>	<b>PA-M1AU</b> Multimedia kit with audio and USB ports on bracket

## GENERAL

Processor	CPU & Package: Intel® Pentium® M/Celeron® M processor FSB: 533/400MHz
Chipset/Core Logic	Intel® 852GME and ICH4
System Memory	Up to 1GB DDR 266/333 SDRAM with ECC on one 200-pin SODIMM socket
BIOS	Award BIOS
Storage Devices	- 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
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 min.
Expansion Interface	N/A
Hardware Monitoring	System monitor (fan, temperature, voltage)
Power Requirement	Typical: +5V@2.0A; +12V(CPU)@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 80°C Relative Humidity: 5% to 90%, non-condensing
MTBF	116,027 hrs

## 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/1000BASE-T Ethernet - IEEE 802.3u auto-negotiation - One RJ-45 connector with two LED indicators
Audio	AC'97 2.2 Audio
USB	Four USB ports
Keyboard & Mouse	One 6-pin mini-DIN connector for keyboard/mouse

## DISPLAY

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