



Portwell Embedded System Board

Model	ROBO-603	ROBO-503	PPB-600	PPAP-100	PPAP-200
CPU	FC-PGA Celeron Pentium III	NS Geode GX-1	FC-PGA Celeron Pentium III	FC-PGA Celeron Pentium III	FC-PGA Celeron Pentium III
Chipset	VIA Pro133	NS Geode CS5530	Intel 440BX	Intel 440BX	Intel 815E
I/O Controller	Winbond	Winbond	Winbond 977/877	Winbond	Winbond
VGA/LCD Controller	SMI 712/721	CS5530	C&T 69000 AGP	--	Embedded
SCSI Controller	NO	NO	NO	NO	NO
System Memory/RAM	1 DIMM/512MB	1 SODIMM/256MB	1 DIMM/256MB	1 SODIMM/128MB	1 SODIMM/256MB
Cache Memory	Built-in CPU	NO	Built-in CPU	Built-in CPU	Built-in CPU
BIOS	Award	Award	AMI	Award	Award
LAN Controller	2 Intel 82559ER	2 Intel 82559ER	Intel 82559	2 Intel 82559	2 Intel 82559ER
PC/104 Expansion Bus	YES	YES	NO	NO	NO
Expansion Slot	32-bit slot PCI	NO	NO	PCI Raiser Card	1 right angle PCI
Audio Sound	YES	YES	YES	NO	NO
SSD	CF	CF	DOC	DOC	DOM / CF
HDD Channel	2 IDE Ultra DMA/66	2 IDE Ultra DMA/33	2 IDE Ultra DMA/33	2 IDE Ultra DMA/33	2 IDE
FDD Drivers	2	2	2	2	2
Serial Port	4	2	4	2	2
Parallel Port	1	1	2	1	1
USB Port	2	2	2	2	2
IrDA	YES	YES	YES	--	--
H/W monitoring	No	No	YES	YES	YES
Multimedia Application	YES	YES	YES	NO	NO
Dimension (mm)	203(L) x 145(W)	150(L) x 100(W)	188(L) x 138(W)	203(L) x 130(W)	216(L) x 130(W)

Please visit <http://isc.portwell.com.tw> for all CPU support type and speed