

# Reference Tables

## FULL-SIZED SINGLE BOARD COMPUTER

MODEL	ROBO-667	ROBO-8713UGA	ROBO-8713VGA
CPU	Dual FC-PGA/FC-PGA2 Pentium® III	mPGA478 Pentium® 4/Celeron®	mPGA478 Pentium® 4/Celeron®
System Bus Frequency	133/100MHz	800/533/400MHz	800/533/400MHz
L2 Cache	Built-in CPU	Built-in CPU	Built-in CPU
Max Memory	3 DIMM/1.5GB	2 DIMM/2GB	2 DIMM/2GB
ECC	YES	NO	NO
BIOS	Award	Award	Award
Chipset	VIA Pro133T	Intel® 865	Intel® 865
SDD	DOC Max. 288MB	CF Max. 1GB	CF Max. 1GB
VGA / Panel	ATI Mobility M1/NO	ATI Mobility M10/YES	Intel® 865 GMCH/NO
SCSI	Optional AIC-7892 Ultra 160	Optional AIC-7892 Ultra 160	Optional AIC-7892 Ultra 160
HDD Channel	2 EIDE Ultra DMA 100/66/33	2 EIDE Ultra DMA 100/66/33 & 2 SATA 150	2 EIDE Ultra DMA 100/66/33 & 2 SATA 150
FDD Drive	2	2	2
LAN	Intel® 82559	Intel® 82547	Intel® 82547
Expansion Interface	Proprietary PCI connector	Proprietary PCI connector	Proprietary PCI connector
USB Port	3	4	4
ATX Control	YES	YES	YES
On-Board I/O	VT82C686B	W83627HF	W83627HF
Serial Port	2	2	2
Parallel Port	1	1	1
PS/2 K/B	YES	YES	YES
PS/2 Mouse	YES	YES	YES
WTD	YES	YES	YES
H/W Montioring	YES	YES	YES
IrDA	YES	YES	YES
Audio	NO	YES	YES
ISA64 Driving	YES	YES	YES
Dimension	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)

MODEL	ROBO-8710VLA	ROBO-8712VLA	ROBO-679	ROBO-678
CPU	mPGA478 Pentium® 4/Celeron®	mPGA478 Pentium® 4/Celeron®	FC-PGA/FC-PGA2 Pentium® III/Celeron®	FC-PGA/PPGA Pentium® III/Celeron®
System Bus Frequency	533/400MHz	533/400MHz	133/100/66MHz	133/100/66MHz
L2 Cache	Built-in CPU	Built-in CPU	Built-in CPU	Built-in CPU
Max Memory	2 DIMM/2GB(DDR)	2 DIMM/2GB(DDR)	2 DIMM/512MB	2 DIMM/512MB
ECC	YES	NO	NO	NO
BIOS	Award	Award	Award	Award
Chipset	Intel® 845E	Intel® 845GV	Intel® 815E	Intel® 815E
SDD	DOC Max. 384MB	DOC Max. 384MB	DOC Max. 288MB	DOC Max. 288MB
VGA / Panel	ATI Mobility M6/YES	Intel® 845GV GMCH/Optional	Intel® 815E GMCH/NO	Intel® 815E GMCH/NO
SCSI	Optional AIC-7892 Ultra 160	Optional AIC-7892 Ultra 160	Optional AIC-7892 Ultra 160	Optional AIC-7892 Ultra 160
HDD Channel	2 EIDE Ultra DMA 100/66/33	2 EIDE Ultra DMA 100/66/33	2 EIDE Ultra DMA 100/66/33	2 EIDE Ultra DMA 100/66/33
FDD Drive	2	2	2	2
LAN	Intel® ICH2	Intel® ICH4	Intel® ICH2	Intel® 82559 & ICH2
Expansion Interface	Proprietary PCI connector	Proprietary PCI connector	Proprietary PCI connector	Proprietary PCI connector
USB Port	3	3	3	2
ATX Control	YES	YES	YES	YES
On-Board I/O	W83627HF	W83627HF	W83627HF	W83627HF
Serial Port	2	2	2	2
Parallel Port	1	1	1	1
PS/2 K/B	YES	YES	YES	YES
PS/2 Mouse	YES	YES	YES	YES
WTD	YES	YES	YES	YES
H/W Montioring	YES	YES	YES	YES
IrDA	YES	YES	YES	YES
Audio	YES	YES	NO	NO
ISA64 Driving	YES	YES	YES	YES
Dimension	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)

# Reference Tables

## FULL-SIZED SINGLE BOARD COMPUTER

MODEL	ROBO-8612VGA	NC-6060	ROBO-698
CPU	FC-PGA 2 Pentium® III/Celeron	FC-PGA/FC-PGA2 Pentium® III/Celeron	FC-PGA/PPGA Pentium® III/Celeron®
System Bus Frequency	133/100/66MHz	133/100/66MHz	100/66MHz
L2 Cache	Built-in CPU	Built-in CPU	Built-in CPU
Max Memory	2 DIMM/2GB	3 DIMM/1GB	4 DIMM/1GB
ECC	NO	NO	YES
BIOS	Award	AMI	AMI
Chipset	VIA VT8623, VT8235	VIA PLE133	Intel® 82440BX
SDD	CF Max.1GB	DOC Max. 288MB	DOC Max. 288MB
VGA / Panel	VIA VT8623	VIA8601/NO	C&T 69000/YES
SCSI	No	Optional AIC-7892 Ultra 160	NO
HDD Channel	2 EIDE Ultra DMA 133/100/66/33	2 EIDE Ultra DMA 100/66/33	2 EIDE Ultra DMA 33
FDD Drive	2	2	2
LAN	Realtek 8110S	Realtek 8139C	Intel® 82559
Expansion Interface	NO	Proprietary PCI connector	NO
USB Port	6	3	2
ATX Control	YES	YES	YES
On-Board I/O	W83697HF	VT82C686B	W83977ATF
Serial Port	2	2	2
Parallel Port	1	1	1
PS/2 K/B	YES	YES	YES
PS/2 Mouse	YES	YES	YES
WTD	YES	YES	YES
H/W Montioring	YES	YES	YES
IrDA	YES	YES	YES
Audio	YES	NO	NO
ISA64 Driving	YES	YES	YES
Dimension	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)	338.5(L)x122(W) mm 13.33"(L)x4.8"(W)

## HALF-SIZED SINGLE BOARD COMPUTER

MODEL	ROBO-616	ROBO-605	ROBO-505
CPU	FC-PGA/PPGA Pentium® III/Celeron®	FC-PGA/PPGA Pentium® III/Celeron®	Pentium®/AMD K6/Cyrix 6x86
System Bus Frequency	133/100/66MHz	100/66MHz	66MHz
L2 Cache	Built-in CPU	Built-in CPU	512KB Pipeline
Max Memory	1 DIMM/512MB	1 DIMM/256MB	1 DIMM/128MB
ECC	NO	YES	NO
BIOS	Award	AMI	AMI
Chipset	Intel® 815E	Intel® 82440BX	Intel® 82430TX
SDD	NO	DOC Max. 288MB	DOC Max. 288MB
VGA / Panel	Intel® 815E GMCH/NO	C&T 69000/YES	C&T 69000/YES
SCSI	NO	NO	NO
HDD Channel	2 EIDE Ultra DMA 100/66/33	1 EIDE Ultra DMA 33	1 EIDE Ultra DMA 33
FDD Drive	2	2	2
LAN	Intel® ICH2	NO	Realtek 8139
Expansion Interface	NO	NO	NO
USB Port	3	2	2
ATX Control	YES	NO	NO
On-Board I/O	W83627HF	W83977ATF	W83977ATF
Serial Port	2	2	4
Parallel Port	1	1	1
PS/2 K/B	YES	YES	YES
PS/2 Mouse	YES	YES	YES
WTD	YES	YES	YES
H/W Montioring	YES	YES	YES
IrDA	YES	YES	YES
Audio	YES	NO	NO
ISA64 Driving	NO	YES	YES
Dimension	185(L)x122(W) mm 7.3"(L)x4.8"(W)	185(L)x122(W) mm 7.3"(L)x4.8"(W)	185(L)x122(W) mm 7.3"(L)x4.8"(W)