

Single Board Computer

Full-Size Single Board Computer

Model	ACTI-777	ROBO-667	ROBO-668	ROBO-8710VLA	ROBO-8712VLA	ROBO-679
CPU	Dual Pentium® III	Dual FC-PGA/ FC-PGA2 Pentium® III	Dual or Single FC-PGA Pentium® III/ Celeron®	PGA 478 Pentium® 4	PGA 478 Pentium® 4	FC-PGA/FC-PGA2 Pentium® III/Celeron®
System Bus Frequency	100MHz	100/133MHz	66/100MHz	400MHz	400/533 MHz	66/100/133MHz
L2 Cache	Built-in CPU	Built-in CPU	Built-in CPU	Built-in CPU	Built-in CPU	Built-in CPU
Max Memory	2 RIMM/2GB	3 DIMM/1.5GB	4 DIMM/1GB	2 DIMM/2GB	2 DIMM/2GB	2 DIMM/512MB
ECC	YES	YES	YES	YES	No	NO
BIOS	Award	Award	AMI	AMI/Award	Award	Award
Chipset	Intel® 840	VIA Pro 133T	Intel® 440BX	Intel® 845D	Intel® 845G/GV	Intel® 815E
SSD	DOC Max. 288MB	DOC Max. 288MB	DOC Max. 288MB	DOC Max. 288MB	DOC Max. 288 MB	DOC Max. 288MB
VGA/Panel	C&T 69000/NO	ATI Mobility M1/NO	C&T 69000/NO	ATI M6 Mobility/YES	815VG GMCH/Optional	Intel® 815E GMCH/NO
SCSI	NO	Optional AIC-7892 Ultra 160	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/66	2 EIDE Ultra DMA/100	2 EIDE Ultra DMA/33	2 EIDE Ultra DMA33/66/100	2 EIDE Ultra DMA33/66/100	2 EIDE Ultra DMA/33/66/100
FDD Drivers	2	2	2	2	2	2
LAN	Intel® 82559	Intel® 82559	Intel® 82559	Intel® ICH2	Intel® 815E ICH4	Intel® 815E ICH2
Expansion Interface	NO	Proprietary PCI connector	Proprietary PCI connector	Proprietary PCI connector	Proprietary PCI connector	Proprietary PCI connector
USB Port	2	3	2	3	3	3
ATX Control	YES	YES	YES	YES	Yes	YES
On Board I/O	W83627HF	VT82C686B	W83977ATF	W83627HF	W83627HF	W83627HF
Serial Port	2	2	2	2	2	2
Parallel Port	1	1	1	1	1	1
PS/2 K/B	YES	YES	YES	YES	Yes	YES
PS/2 Mouse	YES	YES	YES	YES	Yes	YES
WDT	YES	YES	YES	YES	Yes	YES
H/W Monitoring	YES	YES	YES	YES	Yes	YES
IrDA	YES	YES	YES	YES	Yes	YES
Audio	NO	NO	NO	YES	Yes	NO
ISA64 Driving	YES	YES	YES	YES	Yes	YES
Dimension (mm)	338.5(L) x 129(W)	338.5(L) x 122(W)	338.5(L) x 129(W)	338.5(L) x 122(W)	338.5(L) x 122(W)	338.5(L) x 122(W)

Model	ROBO-678	NC-6060	ROBO-698	ROBO-608	ROBO-658	ACTI-688	ROBO-638
CPU	FC-PGA Pentium® III/Celeron®	Pentium® III/Celeron® (Socket 370)	FC-PGA/PPGA Pentium® III/Celeron®	FC-PGA/PPGA Pentium® III/Celeron®	FC-PGA Pentium® III/ Celeron®	Dual Pentium® III (Slot 1)	Pentium® II/Pentium® III (Slot 1)/Klamath
System Bus Frequency	66/100/133MHz	66/100/133MHz	66/100MHz	66/100MHz	66/100MHz	66/100MHz	66/100MHz
L2 Cache	Built-in CPU	Built-in CPU	Built-in CPU	Built-in CPU	Built-in CPU	Built-in CPU	Built-in CPU
Max Memory	2 DIMM/512MB	3 DIMM/1GB	4 DIMM/1GB	4 DIMM/1GB	2 DIMM/512MB	4 DIMM/1GB	4 DIMM/1GB
ECC	NO	YES	YES	YES	NO	YES	YES
BIOS	Award	AMI	AMI	AMI	AMI	AMI	AMI
Chipset	815E GMCH	VIA PLE133	Intel® 82440BX	Intel® 82440BX	Intel® 810E	Intel® 82440BX	Intel® 82440BX
SSD	DOC Max. 288MB	DOC Max. 288MB	DOC Max. 288MB	DOC Max. 288MB	DOC Max. 288MB	DOC Max. 288MB	DOC Max. 288MB
VGA/Panel	815E GMCH/NO	VIA8601/NO	C&T 69000/YES	C&T 69000/YES	Built-in 810E/NO	NO/NO	ATI Rage Pro/NO
SCSI	Optional AIC-7892 Ultra 160	Optional AIC-7892 Ultra 160	NO	NO	Built-in AIC-7982 Ultra 160	NO	Built-in AIC-7982 Ultra 160
HDD Channel	2 EIDE Ultra DMA/33/66/100	2 EIDE Ultra DMA66/100	2 EIDE Ultra DMA/33	2 EIDE Ultra DMA/33	2 EIDE Ultra DMA/66	2 EIDE Ultra DMA/33	2 EIDE Ultra DMA/33
FDD Drivers	2	2	2	2	2	2	2
LAN	Intel® 82559 ICH2 x2	RealTek 8139C	Intel® 82559	NO	Intel® 82559	NO	Intel® 82558
Expansion Interface	Proprietary PCI connector	Proprietary PCI connector	NO	PC/104	NO	NO	NO
USB Port	2	2	2	2	2	2	2
ATX Control	YES	YES	YES	YES	YES	YES	YES
On Board I/O	W83627HF	VT82C686B	W83977ATF	W83977ATF	W83627HF	W83977ATF	W83977ATF
Serial Port	2	2	2	2	2	2	2
Parallel Port	1	1	1	1	1	1	1
PS/2 K/B	YES	YES	YES	YES	YES	YES	YES
PS/2 Mouse	YES	YES	YES	YES	YES	YES	YES
WDT	YES	YES	YES	YES	YES	YES	YES
H/W Monitoring	YES	YES	YES	YES	YES	YES	YES
IrDA	YES	YES	YES	YES	YES	YES	YES
Audio	NO	NO	NO	NO	NO	NO	NO
ISA64 Driving	YES	YES	YES	YES	YES	YES	YES
Dimension (mm)	338.5(L) x 122(W)	338.5(L) x 122(W)	338.5(L) x 122(W)	338.5(L) x 122(W)	338.5(L) x 122(W)	339.5(L) x 122(W)	339(L) x 122(W)