

### 3U CompactPCI SBCs SELECTION GUIDE

MODEL		ELK-cPSBC3845GV	ELK-cPSBC3720	ELK-cPSBC3700A	ELK-cPSBC3500A
CPU and Core Logic	CPU	Socket 478, Intel Pentium 4	BGA2 P-III/Celeron(LP)	FCPGA P-III/Celeron	LP-Pentium MMX
	Speed	3.06GHz	700/850MHz	850MHz	266MHz
	Chipset	Intel 845GV	440MX	440BX	430TX
	FSB(MHz)	400/533 MHz	100	100	66
Form Factor and Bus	PICMG Specification		2.0(R3.0), 2.1(R2.0)	2.0(r2.1), 2.1(r1.0)	2.0(r2.1), 2.1(r1.0)
	Form Factor	3U	3U	3U	3U
	Slot Width		1.2, or 3	2 or 3	2 or 3
	Host/Peripheral		Host	Host	Host
	PCI Bandwidth		32-bit/33MHz	32-bit/33MHz	32-bit/33MHz
Memory	DIMM Slots		SO-DIM x 1	SO-DIM x 1	SO-DIM x 1
	Max. Memory(MB)	1GB	256MB	256MB	256MB
Display	VGA Chipset		None	AGP 2X (SMI-721)	None
	LCD Interface		None	TFT on RTM	None
Ethernet	10/100 Fast Ethernet		2 (82559)	1 (82559)	1 (82559)
Storage	HDD(Integrated)		Yes on 2 and 3	Yes	Yes
	CompactFlash		Yes	None	None
	Floppy		Built-in on 3 slot ver.	Built-in on 3 slot ver.	Built-in on 3 slot ver.
I/O	Parallel		1 (on RTM)	1	1
	KBD/Mouse		1 PS/2 Connectors	2 PS/2 Connectors	2 PS/2 Connectors
	Serial		2 (1F + 1R)	2 (1F + 1R)	2(2F)
	USB		2	2	2
Others	Support HS Peripheral		Yes	Yes	No
	Self Host Swappable		Yes	Yes	No
	Features		Ultra-Low Power support(Optional)	Most Generic 3U cPCI SBC	Low Power Consumption

Revision History: September 1<sup>st</sup>, 2004 (Initial Release)