

Advantech Wide Temperature Products Embedded OS Support List

August 14th, 2009

Standard P/N	Temperature Range	Wide Temperature Ordering p/n	CPU	Core Logic	WinC E	XPE	WES	Linux	QNX
ETX Board									
SOM-4486	-20 to +80	SOM-4486Z-S0A3E	Intel Celeron M 1.0GHz 0 cache	Intel 852GM	Yes	Yes	Yes	Yes	Yes
	-40 to +85	SOM-4486Z2-	Intel Celeron M 1.0GHz 0 cache	Intel 852GM	Yes	Yes	Yes	Yes	Yes
	-20 to +80	SOM-4486Z-M0A3E	Intel Celeron M 600MHz 512KB cache	Intel 852GM	Yes	Yes	Yes	Yes	Yes
	-40 to +85	SOM-4486Z2-M0A3E	Intel Celeron M 600MHz 512KB cache	Intel 852GM	Yes	Yes	Yes	Yes	Yes
SOM-4481	-20 to +80	SOM-4481Z-R0A3E	Intel Celeron M 1.0GHz (373) with 512KB L2 Cache	Intel 855GME	Yes	Yes	Yes	Yes	Yes
	-40 to +85	SOM-4481Z2-R0A3E	Intel Celeron M 1.0GHz (373) with 512KB L2 Cache	Intel 855GME	Yes	Yes	Yes	Yes	Yes
	-20 to +80	SOM-4481Z-S4A3E	Intel Pentium M 1.4GHz (738) with 2MB L2 cache	Intel 855GME	Yes	Yes	Yes	Yes	Yes
	-40 to +85	SOM-4481Z2-S4A3E	Intel Pentium M 1.4GHz (738) with 2MB L2 cache	Intel 855GME	Yes	Yes	Yes	Yes	Yes
SOM-4455	-20 to +80	SOM-4455Z-L0A2E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
	-20 to +80	SOM-4455ZL-L0A2E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
	-20 to +80	SOM-4455Z-LSA2E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
	-20 to +80	SOM-4455ZL-LSA2E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
COM Express									
SOM-6761	-20 to +80	SOM-6761Z-S6A1E	Intel Atom N270	Intel 945GSE	Yes	Yes	Yes	Yes	Yes
EBX									
PCM-9584 Family	-20 to +80	PCM-9584Z-1GS0A2E	Intel Celeron M 1.0GHz (373) with 512K L2 Cache	Intel 915GME	Yes	Yes	Yes	Yes	Yes
PCM-9588 Family	-20 to +80	PCM-9588Z-1GM0A1E	Intel Celeron M 600GHz	Intel 910GML		Yes	Yes	Yes	Yes
	-20 to +80	PCM-9588Z-1GS0A1E	Intel Celeron M 1.0GHz 0 cache	Intel 910GML		Yes	Yes	Yes	Yes
Standard P/N	Temperature Range	Wide Temperature Ordering p/n	CPU	Core Logic	WinC E	XPE	WES	Linux	QNX
EPIC									
PCM-4386 Family	-20 to +80	PCM-4386Z-S0A2E	Intel Celeron M 1.0GHz 0 cache	Intel 852GM	Yes	Yes	Yes	Yes	Yes
	-40 to +85	PCM-4386Z2-	Intel Celeron M 1.0GHz 0 cache	Intel 852GM	Yes	Yes	Yes	Yes	Yes
PCM-4380 Family	-20 to +80	PCM-4380Z-S0A2E	Intel Celeron M 1.0GHz (373) with 512K L2 Cache	Intel 855GME	Yes	Yes	Yes	Yes	Yes
	-40 to +85	PCM-4380Z2-S4A2E	Intel Celeron M 1.0GHz (373) with 512K L2 Cache	Intel 855GME	Yes	Yes	Yes	Yes	Yes
PCM-4381 Family	-20 to +80	PCM-4381Z-1GS0A1E	Intel Celeron M 1.0GHz 0 cache	Intel 910GML	Yes	Yes	Yes	Yes	Yes
	-40 to +85	PCM-4381Z2-1GS0A1E	Intel Celeron M 1.0GHz 0 cache	Intel 910GML	Yes	Yes	Yes	Yes	Yes
3.5" Biscuit SBC									
PCM-9342	-40 to +85	PCM-9342FZ2-64A1E	EVA-4150 133MHz	EVA-4150	Yes				
PCM-9375	-20 to +80	PCM-9375FZ-J0A1E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
	-40 to +85	PCM-9375FZ2-J0A1E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
	-20 to +80	PCM-9375EZ-J0A1E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
	-40 to +85	PCM-9375EZ2-J0A1E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
PCM-9361 Family	-20 to +80	PCM-9361FGZ-S6A1E	Intel ATOM N270 1.6GHz	Intel 945GSE		Yes	Yes	Yes	Yes
PC/104 Expansion Modules									
PCM-3342	-40 to +85	PCM-3342FZ2-64A1E	EVA-4150 133MHz	EVA-4150	Yes			Yes	Yes
PCM-3353 Family	-20 to +80	PCM-3353Z-L0A1E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
	-40 to +85	PCM-3353Z2-L0A1E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
PCM-4153 Family	-20 to +80	PCM-4153FZ-L0A2E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
	-40 to +85	PCM-4153FZ2-L0A2E	AMD LX 800 500MHZ	AMD Geode LX800	Yes	Yes	Yes	Yes	Yes
PCM-3380 Family	-20 to +80	PCM-3380Z-M0A2E	Intel Celeron M 600MHz	Intel 855GME	Yes	Yes	Yes	Yes	Yes
	-20 to +80	PCM-3380Z-S0A2E	Intel Celeron M 1.0GHz (373)	Intel 855GME	Yes	Yes	Yes	Yes	Yes