ATM Mainboard (CE) Identification Guide

ACU 1 / ACU3 / ACU5 / ACU6

The purpose of this guide is to assist with visual identification of the different version of ACU mainboards or CE boards.
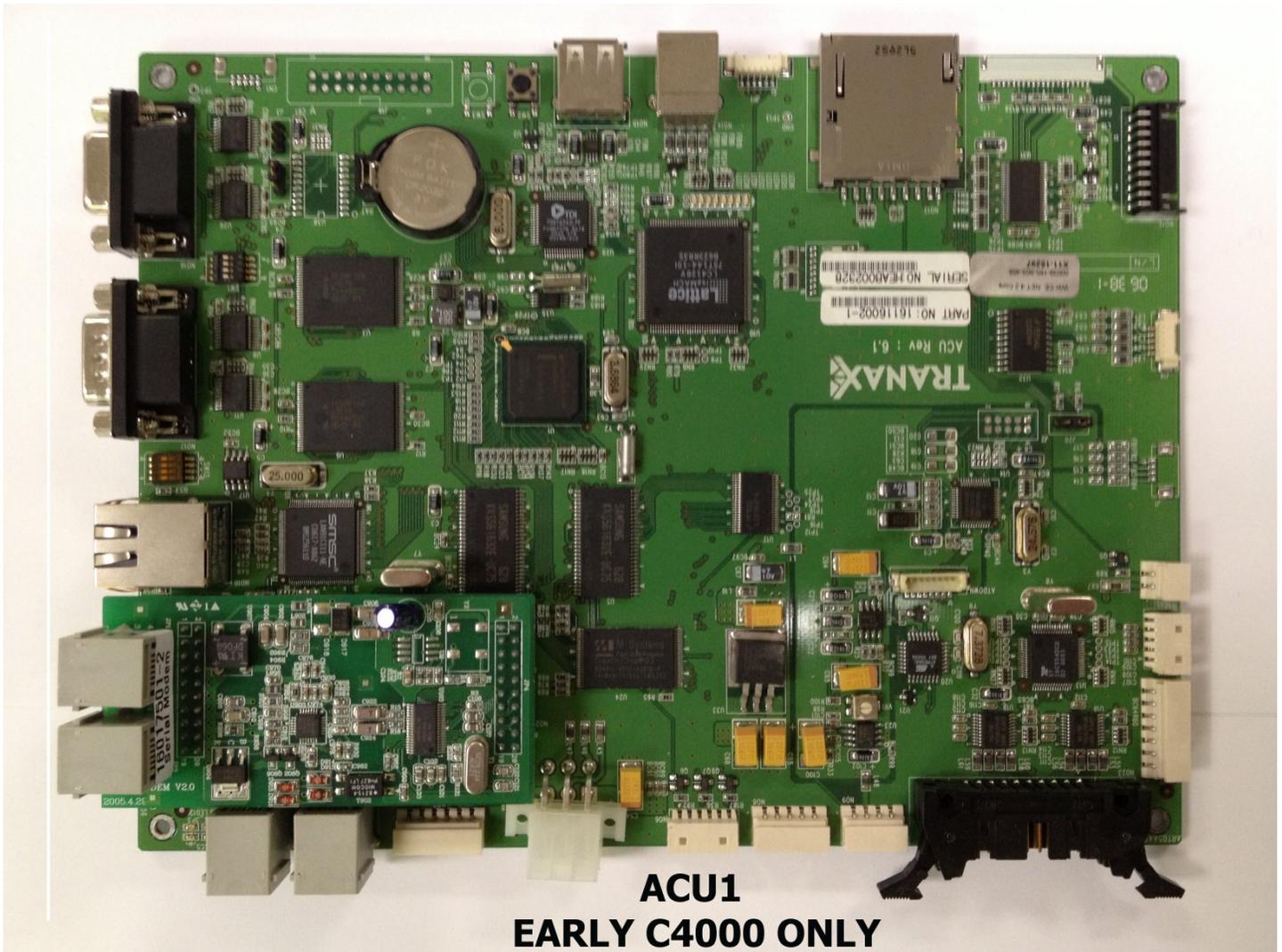

ACU1

The ACU1 board was used exclusively in the early production C4000 ATM. The specific serial number range is not known however it is approximately within this range:

BYAB000001 through BYAB006200

The easiest way to identify this board is by the TCPIP (Ethernet) port located on the left side of the board below the 2 serial ports.. The ACU1 is the only board to have the TCPIP located on the side.
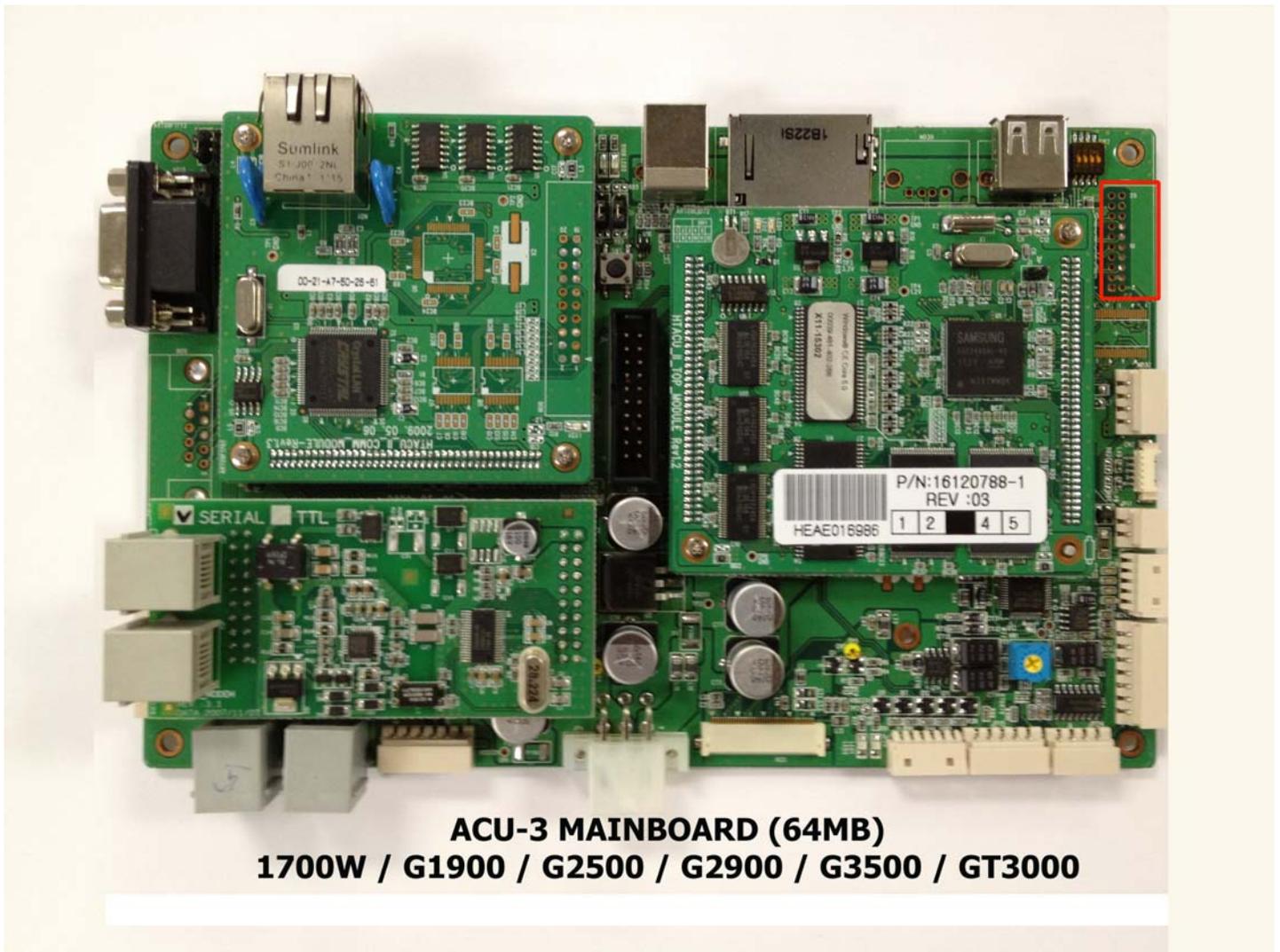
This board is also physically larger than the newer boards and must use an adapter if replacing with a newer model board.
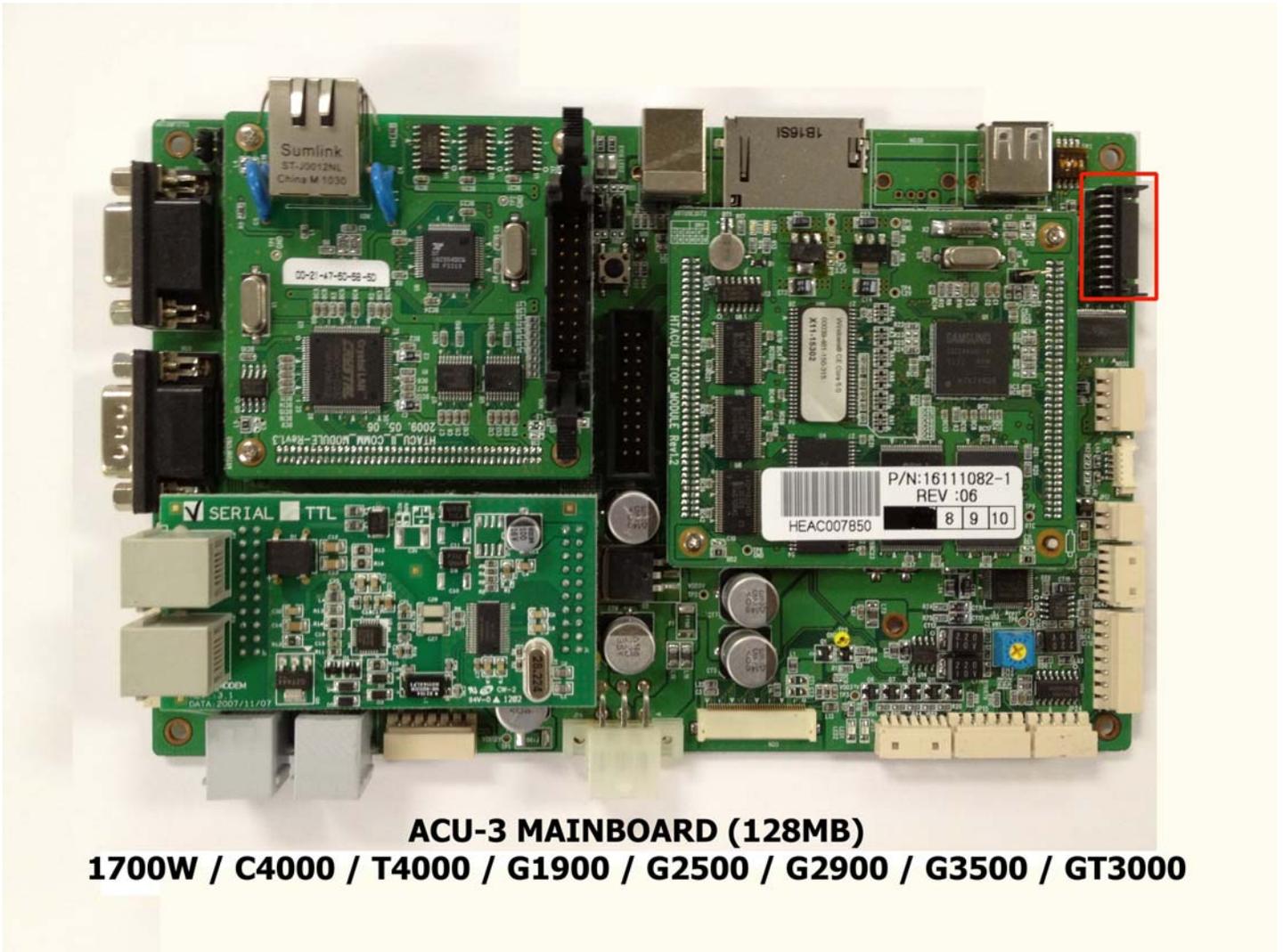

ACU1
EARLY C4000 ONLY

ACU3

The ACU3 board was introduced first with the Hantle 1700W. There are two versions of this board. The difference is the memory size and the video connectors. The 64MB version of the board only had the video socket for ribbon cable displays. The 128MB version had both the ribbon cable socket and also the C4000/T4000 connector.

The ACU3 boards can also be identified by the 2 raised 'daughter boards' for the Ethernet and CPU boards. The red square in this picture shows the missing video connector required for C4000 / T4000.

ACU-3 MAINBOARD (64MB)
1700W / G1900 / G2500 / G2900 / G3500 / GT3000

The ACU3 board in 128MB contained the extra video connector required for C4000 / T4000. (seen in the red square)
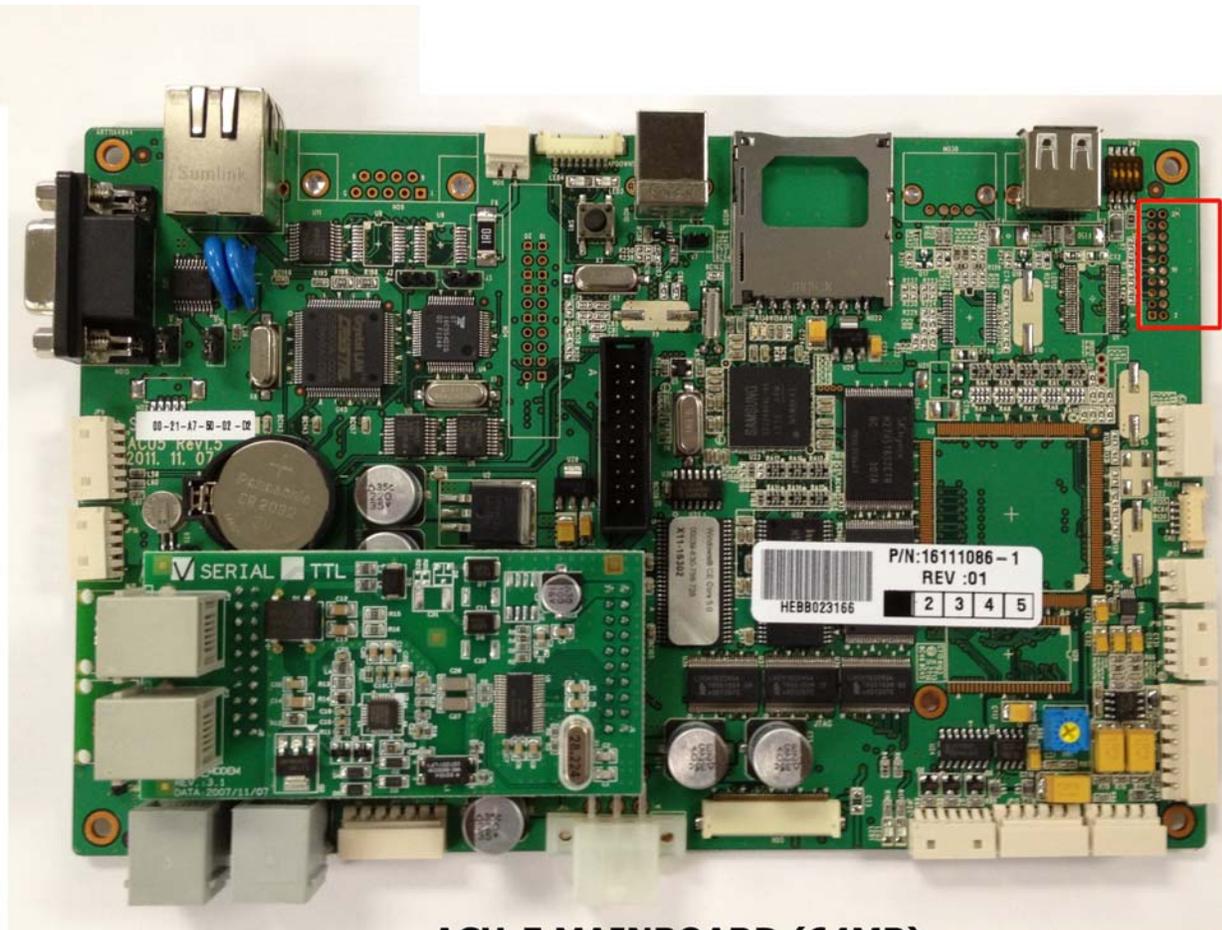

ACU-3 MAINBOARD (128MB)
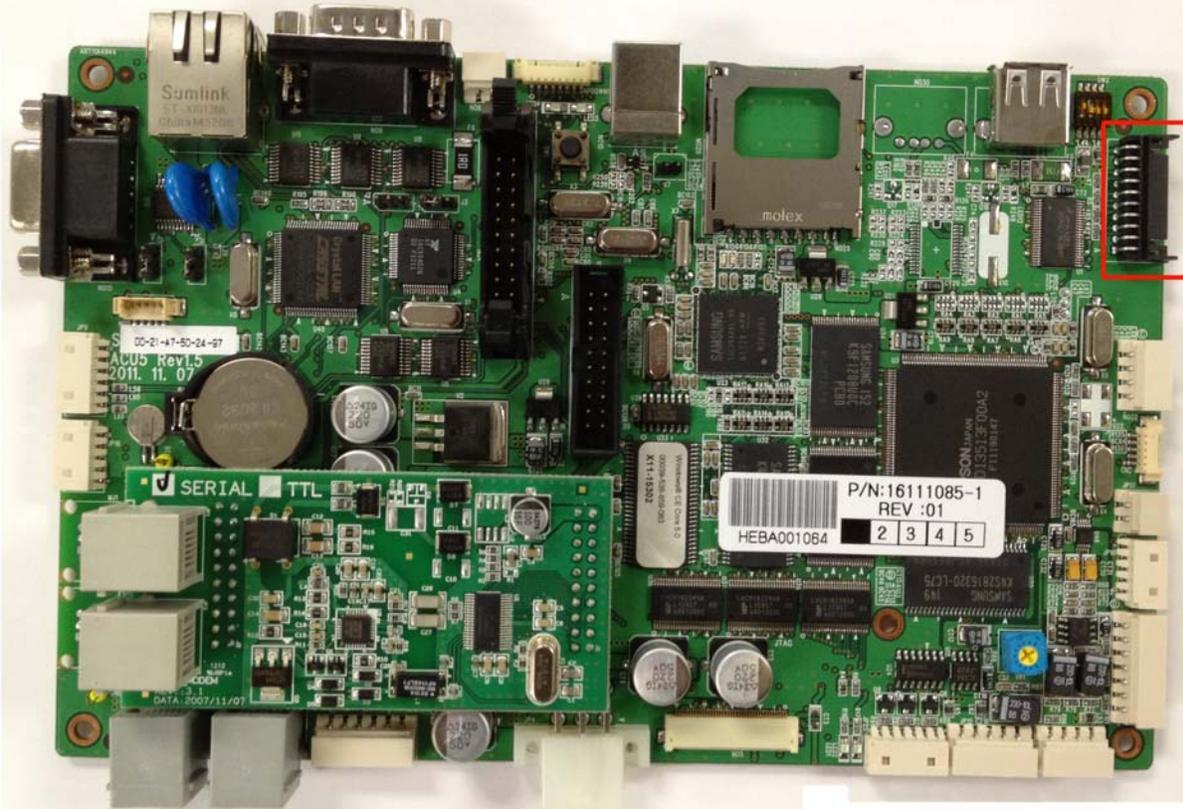1700W / C4000 / T4000 / G1900 / G2500 / G2900 / G3500 / GT3000

ACU5

The ACU5 board was a direct replacement for the ACU3 and was also available in 64MB and 128MB versions.

These ACU5 boards no longer have the Ethernet and CPU on raised daughter boards. This board is interchangeable with ACU3 (backward / forward compatible)

ACU-5 MAINBOARD (64MB)
1700W / G1900 / G2500 / G2900 / G3500 / GT3000

Following with the ACU3 board, only the 128MB version of the ACU5 contains the video port necessary for C4000 / T4000
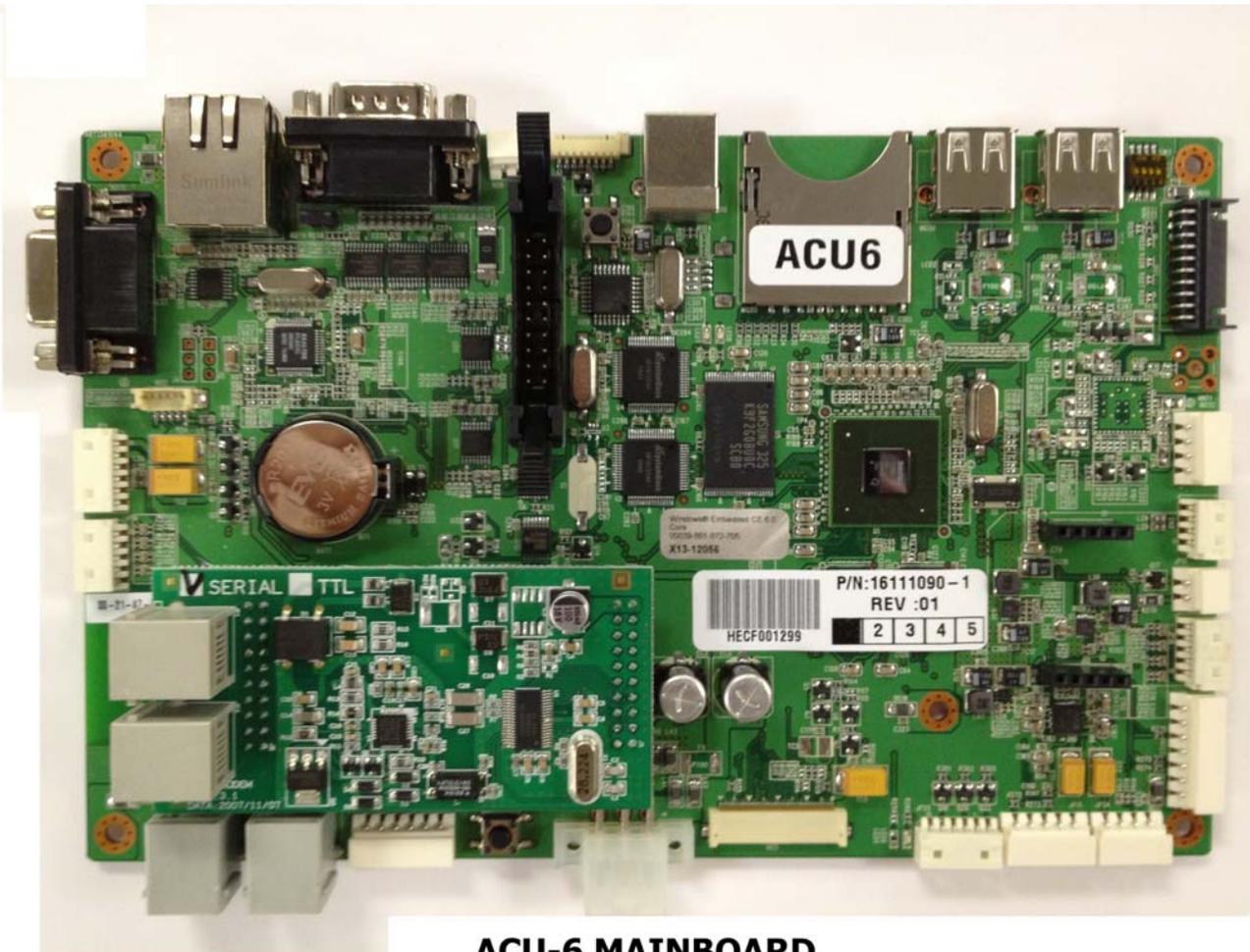

ACU-5 MAINBOARD (128MB)
1700W / C4000 / T4000 / G1900 / G2500 / G2900 / G3500 / GT3000

ACU6

The ACU6 board is the newest generation of board for Genmega and Hantle ATMs. This board began shipping in April of 2014.

This board is a "one size fits all" model, which supports all video options.

This board is the first from Genmega that can load software via the USB port in addition to the SD memory card. This board should be identified by the dual USB ports next to the SD socket. (the ACU6 sticker will not appear on all boards)

ACU-6 MAINBOARD
ALL ATMS