Host Configuration and Integration Guide

DAP Technologies is the leading manufacturer of rugged mobile computing solutions and services for any setting, including harsh environments. DAP designs and manufactures mobile computers for a range of demanding industries including Utilities, Field Service, Emergency Services, Public Safety, Transportation and Logistics.

Our new product line will include an OEM wi-fi & Bluetooth combo module.

We have CE5000B series which includes CE5320B and CE5240B (where the only difference is screen orientation)
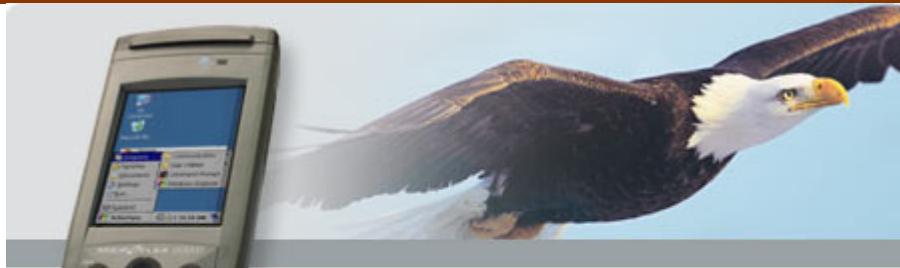
CE5000B Series

Agile performer
Bring efficiency, speed and
long battery life into the field

We also have CE3000B series which includes only CE3240B for now

CE3240B

Ultimate flexibility
Lightweight and rugged mobile computer

And we have CE8000B series which includes CE8640B (half VGA screen), CE8810B (full VGA screen) and CE8820B (wide VGA screen)

CE8640B

Highly efficient
Ergonomic, reliable
and highly configurable

CE8810B & CE8820B

User friendly
Maximum visibility, quality,
security and profitability

A very important note is that all these products all have the same electronic design (same processor, FPGA, memory,…), so same design but different form factor to fit in our existing casings.

The same OEM module will be used in all products with same antennas that are located on mainboards (PCB mounted).

The electrical interface between OEM module and our mainboards is the same and the physical interface is a board-to-board connector.

OEM 802.11bg/BT Combo Module

Changes or modifications not expressly approved by DAP Technologies could void the user's authority to operate the equipment.

In order to comply with the FCC RF exposure requirements this module must be installed in specific host configurations as defined in this document. For CE8000B series the antennas are installed on the main board with a least 2.5 cm spacing from the antennas to the bottom of the enclosure. The CE3000B and CE5000B series are hand held with the antennas installed on a piggyback board that is located below the LCD display. There is not provision for simultaneous transmission of BT and 802.11b/g. The end user manual for all final host configurations must include the following warning statement. In order to

comply with FCC RF exposure requirements this module must not be transmitting simultaneously with optional PCMCIA wireless communication card. The final host configuration must be labeled as follows:

- *"Contains FCC ID: HDWF10040 and IC: 4609A-F10040"*
- *"This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."*