



**Compal\* Electronics**

## Compal\* FL-90 Notebook PC

Intel® Core™2 Duo processor Ready!!



### Ordering Information

Model Name	Available Region	Part Number	Note
FL90	Europe, Middle East, Africa,	See Note <sup>1</sup>	Discrete Graphics (Option 1)
FL90	North & Latin America	See Note <sup>1</sup>	Discrete Graphics (Option 2)

### Specifications

<b>Processor Support</b>	<ul style="list-style-type: none"> <li>■ Intel® Core™ 2 Duo Processor (Merom 65nm with 800MHz) – Soc-P Only</li> <li>■ Intel® Celeron® M Processor (Merom 65nm with 533MHz) – Soc-P Only</li> </ul>
<b>Supported FSB</b>	<ul style="list-style-type: none"> <li>■ 533 /667/ 800MHz- Soc-P Only</li> </ul>
<b>Support Intel® Turbo Memory</b>	<ul style="list-style-type: none"> <li>■ Yes( 2<sup>nd</sup> Mini Card Slot, support up to 1G)</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>■ Phoenix First BIOS</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>■ Intel® GM965 Express Chipset</li> <li>■ Intel® GM965 GMCH</li> <li>■ Intel® ICH8M</li> </ul>
<b>Main Memory</b>	<ul style="list-style-type: none"> <li>■ Two (2) DDR2 SO-DIMM connectors</li> <li>■ 533/667MHz</li> <li>■ 512MB to maximum 4GB</li> </ul>
<b>Graphics</b>	<ul style="list-style-type: none"> <li>■ NVIDIA® GeForce® Go 8600 256M (Option 1)</li> <li>■ NVIDIA® GeForce® Go 8600 512M (Option 2)</li> </ul>
<b>LCD Display (CBB<sup>2</sup>)</b>	<ul style="list-style-type: none"> <li>■ 15.4" W XGA (Option 1)</li> <li>■ 15.4" W XGA+ (Option 2)</li> <li>■ Glare</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>■ Realtek ALC268, 2 channel HD Audio</li> <li>■ Microphone-in and headphone-out</li> <li>■ Two stereo 1.5W speakers</li> </ul>
<b>Express Card Slot</b>	<ul style="list-style-type: none"> <li>■ Express Card 34/54mm X 1</li> </ul>

<b>Memory Card Reader</b>	<ul style="list-style-type: none"> <li>■ 3-in-1 Card Reader (SD, MMC, MS, MS Pro)</li> </ul>
<b>HDD Support (CBB<sup>2</sup>)</b>	<ul style="list-style-type: none"> <li>■ One 2.5" 9.5mm SATA HDD (5400rpm, 7200rpm)</li> <li>■ Supported Capacities: 60/80/100/120/160 GB</li> </ul>
<b>Optical Disk Drive<sup>3</sup> (CBB<sup>2</sup>)</b>	<ul style="list-style-type: none"> <li>■ 12.7mm height PATA</li> <li>■ Combo(CD-RW/DVD-ROM)</li> <li>■ DVD-RAM/-R/-RW readable (Rambo)</li> </ul>
<b>Bluetooth, Camera &amp; Fingerprint Reader</b>	<ul style="list-style-type: none"> <li>■ Bluetooth (Optional)</li> <li>■ Camera 2.0M Pixel</li> <li>■ Fingerprint Reader (Option 2 only)</li> </ul>
<b>LAN &amp; WLAN &amp; Modem</b>	<ul style="list-style-type: none"> <li>■ Broadcom 5786 Gigabit LAN</li> <li>■ Supports Intel® Wireless WiFi Link 4965AGN/AG and Intel® PRO/Wireless 3945ABG (Mini-card interface)</li> <li>■ Three Antennae support</li> <li>■ Internal Modem with MDC 1.5 solution V.92/56K bps; V.90/56K bps</li> </ul>
<b>System Status LED</b>	<ul style="list-style-type: none"> <li>■ 3 K/B indicators: Caps Lock (Blue), and Num Lock (Blue), Scroll Lock (Blue)</li> <li>■ 1 LED for IDE HDD activity (Blue)</li> <li>■ 1 LED for System status (Power On / Suspend) (Blue)</li> <li>■ 1 LED for Battery status (Charging / Full / L1 / L2) (Blue/Amber)</li> <li>■ 1 LED for Wireless LAN &amp; Bluetooth (Blue/Amber/Purple)</li> <li>■ 1 LED for Power Button(Blue)</li> <li>■ 1 LED for Mute(Amber)</li> <li>■ 1 LED for Power USB on(Amber)</li> </ul>
<b>Keyboard (CBB<sup>2</sup>)</b>	<ul style="list-style-type: none"> <li>■ 86 keys support with 101/102 key emulation without stick-point.</li> <li>■ Windows key, Application key</li> <li>■ Standard pitch, 3.0mm travel length.</li> </ul>
<b>Button &amp; Hot Keys on Keyboard</b>	<ul style="list-style-type: none"> <li>■ Power button x 1</li> <li>■ Magnetic lid switch control for system standby/wakeup or suspend/resume</li> <li>■ Mute button x 1</li> <li>■ Control button for short-Cut key functions</li> <li>■ 1 WWW (Explorer) key</li> <li>■ 1 E-mail (Outlook) key</li> <li>■ Control buttons for Smart Charging</li> <li>■ Smart Charging</li> <li>■ Control buttons for Power USB</li> <li>■ Power USB (Workable in system off mode)</li> </ul>
<b>Interface I/O Port</b>	<ul style="list-style-type: none"> <li>■ No port Cover</li> <li>■ Hi-Speed USB 2.0 x 2</li> <li>■ Power USB x 2 (1A)</li> <li>■ RGB; VGA port x 1, 15pins</li> <li>■ S-Video out x1</li> <li>■ Microphone-in x 1</li> <li>■ Headphone-out x 1</li> <li>■ DC-in jack x 1</li> <li>■ RJ-45 jack x 1</li> <li>■ RJ-11 jack x 1</li> <li>■ 3-in-1 Card Reader x1</li> <li>■ 1394a x 1</li> <li>■ Kensington lock x 1</li> </ul>
<b>Power Management</b>	<ul style="list-style-type: none"> <li>■ ACPI 2.0</li> </ul>
<b>Battery Pack &amp; Life (CBB<sup>2</sup>)</b>	<ul style="list-style-type: none"> <li>■ 6 cell Li-On, 4800/5200mAh</li> </ul>
<b>AC Adapter (CBB<sup>2</sup>)</b>	<ul style="list-style-type: none"> <li>■ Universal AC adapter. 90-264V AC, 47-63HZ</li> <li>■ 90W with 19V DC</li> </ul>
<b>Pointing Device</b>	<ul style="list-style-type: none"> <li>■ Touch Pad</li> </ul>

<b>Dimensions/Weight</b>	<ul style="list-style-type: none"> <li>■ 2.7 kg /355mm(W) x 257mm(D)x 35.2mm(H)</li> </ul>
<b>Customized Notebook Panel</b>	<ul style="list-style-type: none"> <li>■ Yes</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>■ HDD Password</li> <li>■ Kensington lock</li> </ul>
<b>Port Replicator Connector</b>	<ul style="list-style-type: none"> <li>■ No</li> </ul>
<b>RoHS Compliant</b>	<ul style="list-style-type: none"> <li>■ Yes</li> </ul>
<b>Regulation</b>	<ul style="list-style-type: none"> <li>■ EMI: FCC-B, CE, CCC, A,C-Tick, VCCI, BSMI</li> <li>■ Safety: Compliant to UL/CSA, TUV, CB</li> <li>■ PTT: FCC-Part 68, CTR 21</li> <li>■ MDA2005 Compliant</li> </ul>
<b>Windows Certification</b>	<ul style="list-style-type: none"> <li>■ Microsoft® Windows® XP Professional(SP2)</li> <li>■ Microsoft® Windows® XP Home(SP2, 32bit only)</li> <li>■ Microsoft® Vista® Home Basic (32 &amp; 64 bit)</li> <li>■ Microsoft® Vista® Home Premium (32 &amp; 64 bit)</li> <li>■ Microsoft® Vista® Business (32 &amp; 64 bit)</li> <li>■ Microsoft® Vista® Ultimate (32 &amp; 64 bit)</li> </ul>
<b>Software Utility</b>	<ul style="list-style-type: none"> <li>■ Phoenix First BIOS</li> <li>■ Suspend to DRAM/HDD</li> <li>■ Security: <ul style="list-style-type: none"> <li>◆ Power-On Password, Supervisor Password</li> <li>◆ HDD password</li> <li>◆ USB memory Boot support</li> <li>◆ Support SMBIOS 2.3, PCI2.2</li> <li>◆ Support PXE</li> <li>◆ Wake on LAN from S3</li> <li>◆ Wake on LAN form S4 in AC mode</li> </ul> </li> </ul>
<b>Keyboard Language</b>	<ul style="list-style-type: none"> <li>■ Multi-Language support</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>■ See Note<sup>4</sup></li> </ul>

\*More product information and drivers download at Compal Website <http://www.compal.com> and <http://downloadfinder.intel.com>

<sup>1</sup>Please contact your point of purchase for ordering part numbers

<sup>2</sup>Common Building Blocks ([www.intel.com/go/interchange](http://www.intel.com/go/interchange))

<sup>3</sup>Specify ODD type at time of order from your Intel® Authorized Distributor. ODD's currently available are CD-RW/DVD Combo, DVD SuperMulti, and DVD+/-RW

<sup>4</sup>Different Options available, please contact your point of purchase