

Product Details

Intel OEM Compal EL81 - CEL81945GM01-BB



The customizable CEL81 series gives you the power to personalize a multimedia notebook to meet your mobile life-style. At just 2.8KG, the EL81 features a glare 15.4" WXGA TFT-LCD display, Intel® GMA 950 graphics with dynamic video memory, black chassis, and your choice of processor, memory, hard drive, optical drive, keyboard and operating system. Now you can design exactly the notebook you want.

Specifications

- CPU support: Intel Pentium M :
 - Yonah mobile dual core processor FSB 667MHz, 2MB L2
 - T2300(1.66GHz)/T2400(1.83GHz)/T2500(2GHz)/T2600(2.16GHz)/T2700(2.33GHz) with 31W TDP
 - Yonah mobile single core processor ,FSB 667MHz , 2MB L2
 - T1300(1.66GHz)/T1400(1.83GHz) with 31W TDP
 - Yonah ICPM, FSB 533MHz(Design ready), 1MB L2
 - 430(1.73GHz)/420(1.60GHz)/410(1.46GHz) with 31W TDP
 - Intel MEROM design ready
- Chipset
 - Intel 945GM + ICH7-M
 - 533/667 MHz FSB support
- Memory
 - No on board memory
 - Support DDR-II 533/667MHz
 - Two SODIMM with 512MB/1GB modules
 - Easy upgrade from bottom side for two SODIMM. - Max. 2GB
- Optical Drive
 - DVD Super-Multi (DVD-RAM/-R/-RW/+R/+RW)
- HDD
 - 9.5mm, 2.5" P-ATA HDD support with 40/60/80/100GB (5400rpm) capacity
- Display(CBB)
 - Support 15.4" WXGA, glare
- Graphics Chip
 - UMA (Embedded in Intel 945GM)
- Audio
 - Realtek ALC883
 - HD Audio
 - Microphone-in and headphone-out
 - Internal Microphone
 - Two stereo speakers
 - Volume control: Hot-key control for XP
- PCMCIA and PCI-Express card
 - ENE CB714 controller
 - PC card 95 supported with 1x Type II
 - PCI – Express card (54mm type) x1
- Communication
 - Modem
 - LAN
 - WLAN
 - Internal Modem with MDC 1.5 solution - V.92/56K bps; V.90/56K bps
 - LAN: Realtek 8111B for Giga bit LAN
 - Wireless LAN, 802.11b/g, a/b/g via Mini-Card interface (Optional)
- Keyboard
 - 85/86 keys support with 101/102 key emulation without stick-point.
- Windows key, Application key
 - tandard pitch, 3.0mm travel length.

- Multi-Language support.
- Pointing Device
 - Touch Pad with two buttons
- Memory card reader
 - 3-in-1 Card Reader (MS, SD, MMC)
- IEEE 1394
 - VIA VT6311S.
 - PCI single chip solution, PCI 2.2 compliant.
 - OHCI v1.1
 - IEEE1394a 4-pin
- I/O ports
 - No port Cover
 - USB (V2.0, horizontal type) x 3 (2 in Right side, 1 in Left side)
 - S-Video out x 1(Rear side)
 - Microphone-in x 1(Right side)
 - Headphone-out jack with S/PDIF x 1(Right side)
 - No FIR.
 - DC-in jack(Rear side)
 - RJ-11 jack x 1 for 56Kbps V.90/92 Modem(Rear side)
 - RJ-45 jack x 1 (Left side)
 - Kensington lock x 1(Rear side)
 - Express Card/54 x 1(Left side)
 - PCMCIA Type II x 1 (Left side)
 - 3-in-1 Flash Card Reader(SD/MMC/MS) x 1(front side)
 - IEEE 1394 x1(4-pin) x 1(left side)
 - Two way communication switch(Left to on, Right to off)
 - Internal microphone x 1(in LCD module)
 - Color-coded connectors
- System Status Indicators
 - 3 K/B indicators: Caps Lock (Green), and Num Lock (Green), Scroll Lock (Green)
 - 1 Power Button LED (Green)
 - 1 LED for IDE HDD activity (Green)
 - 1 LED for System status (Power On / Suspend) (Green)
 - 1 LED for Battery status (Charging / Full / L1 / L2) (Green/Amber)
 - 1 LED for Wireless Card (RF ON/OFF) (Amber)
 - 1 LED for Memory card accessing (Green)
- Control buttons
 - Power button (support software off, 4 sec)x 1
 - Magnetic lid switch control for system standby/wakeup or suspend/resume
 - One Switch to On/Off Wireless Device for wireless control
- User Keys
 - Control button for short-Cut key functions
 - Internet (Explorer) key
 - 1 E-mail (Outlook) key
 - User Define Key
- AC Adapter(CBB)
 - Universal AC adapter. 90-264V AC, 47-63HZ
 - 75W with 19V DC
 - 3 pin 240V AC cable
- Battery(CBB)
 - 6-cell LI-ION of 18650 size battery pack .(10.8V x 4800mAh
 - Life Cycle: 70% Design Capacity after 300 Cycles in 25degree
- Software -
 - Phoenix First BIOS
 - 1024KB Flash BIOS ROM
 - Suspend to RAM/Disk
 - No support APM
- Security:
 - Power-On Password, Supervisor Password,
 - Kensington lock
 - HDD password
 - USB memory Boot support
 - Support SMBIOS 2.3, PCI2.2.
 - ACPI 2.0 compliance with Intel Speed-step Support C1, C2, C3, C4 and S3, S4 for mobile CPU
 - DMI utility for BIOS serial number configurable/asset tag
 - Support PXE
 - Wake on LAN from S3
 - Wake on LAN form S4 in AC mode
- OS
 - Windows XP HE(SP2),
 - Windows XP Pro(SP2)
 - Windows Vista design ready
- Mini Card
 - One Mini card slot for WLAN.
- Regulatory

- EMI: FCC-B, CE, CCC, A,C-Tick, VCCI, BSMI
 - Safety: Compliant to UL/CSA, TUV, CB
 - PTT: FCC-Part 68, CTR 21
 - MDA2005 Compliant
 - Energy Star
 - Environment
 - Temperature:
 - Operating: 5 - 35°C
 - Storage: -20 - 65°C
 - Humidity:
 - 10 - 90% without condensation.
 - Altitude:
 - Operating sea level up to 10,000 ft
 - Storage sea level up to 40,000 ft
 - Dimension
 - 362mm(W) x 265mm(D)x 31.7mm(H) in front side, 38.9mm in rear side
 - Weight
 - Less than 2.8 kg with 15.4"WXGA & 6cell battery
 - Warranty
 - 12 Months on Battery
 - 24 Months on barebone warranty via Intel Customer Support
- Need More information (visit below Intel site) :
- <http://www.intel.com/cd/channel/reseller/asm-na/eng/271262.htm>

Specifications are subject to change without notice.

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