

CORBOOK™ 15

DURABLE LAPTOP COMPUTER SYSTEM

A POWERFUL, DURABLE LAPTOP, IDEAL FOR
OUTDOOR DATA COLLECTION AND FIELD WORK



PRODUCT HIGHLIGHTS

- Added durability for drop / shock / and liquid spill (IP-54 standard)
- 1.3MP camera built-in
- Intel Wireless WiFi Link 802.11 a/b/g/n (optional Bluetooth)
- Integrated 4 in 1 Media Card Reader
- (1) One Express card type 53/34 slot
- 15.4" WXGA (1280x800) LCD screen
- Intel® Centrino® Duo Mobile Technology: Intel® Core™ 2 Duo Processor (4MB L2 Cache, 800/667MHz FSB)
- 2.5" 9.5mm SATAII Shock mounted hard disk drive for vibration protection during transportation
- Standard 6-cell battery with protection circuitry to protect and prolong battery life. (optional 9-cell battery)
- Spill resistant keyboard, touchpad and switches protects internal parts
- (3) Three USB ports
- 10/100/1000 Mbps Ethernet
- Windows Vista™ or XP™

APPLICATIONS

- Outdoor Data Collection
- Military/Defense
- Oil/Gas
- Point-of-Sale (POS)
- Warehousing
- Medical

The CORBOOK™ 15

is a compact, low-power, high-performance, semi-ruggedized laptop computer system built around Intel® Centrino® Duo Mobile Technology. The Corbook 15 is designed specifically to withstand the bumps and bruises of day to day work outdoors in unpredictable conditions. From the spill resistant keyboard, switches, and touch pad, to the shock mounted, vibration-resistant hard drive, this computer is designed to outlast any standard consumer grade laptop system. The built-in optical drive offers a choice of drive selections all equipped with a disk lock mechanism that prevents the unintentional tray ejection from a drop or harsh vibration. Even the battery system has been improved with double protection circuitry to prevent damage caused by current or voltage surges and overheating. Lastly, the overall notebook has been built with a magnesium alloy case that is 20 times stronger than ABS plastic.

MOBILE CONNECTIVITY

The Corbook 15 comes equipped with gigabit ethernet, a 56K fax modem, and built in Intel Wifi supporting the 802.11 a/b/g (with optional 802.11 n support) Additionally, optional built-in 3G wireless cellular connectivity enables real-time cellular network access in the field anytime. No more waiting to download the information collected in the field, information can flow real-time as it is collected.

OUR COMMITMENT TO QUALITY

All Corvalent products are designed and manufactured in an ISO 9001:2008 environment and our medical tablets are backed by a (3) year standard warranty.



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TECHNICAL SPECIFICATIONS

Processor	Intel® Centrino® Duo Mobile Technology: Intel® Core™ 2 Duo processor (FSB 800/667MHz) Intel® Celeron® M Core 2 Solo (FSB 533MHz)
Chipset	Intel 965 Express, South Bridge: Intel ICH8M
System Memory	Two (2) Dual Channel DDR II SODIMM slots (Max 4GB)
OS Support	Windows® Vista™ Windows® XP™
Storage	2.5" SATA II 300 HDD with Anti-shock mounting for vibration protection
Display	15.4" WXGA (1200x800) TFT LCD, or WXGA+ (1440x900) (optional)
Audio	Two (2) stereo 1.5W speakers, built in mic
VGA Controller	Intel® Graphics Media Accelerator x3100, Smart 2D Display Technology (Intel S2DDT) with shared system memory up to 358MB
I/O Ports	(3) USB Connection ports (1) IEEE 1394 port (Firewire™) (1) 9-pin D-sub RS232 serial port (1) Type II Express Card 34/54 (1) 15 pin D-sub VGA monitor port (1) Line-out 3.5mm jack for speakers (1) Line-in 3.5mm jack for mic (1) RJ-11 jack for 56kbps v.90 modem (1) RJ-45 jack for 10/100/1000Mbps Ethernet (1) DC-Input jack for power
I/O Devices	(1) Smart Card socket (1) 4-in-1 media card reader (MS/MS Pro/SD/MMC) (1) 1.3 Mega Pixel webcam (optional) 2 button PS/2 touchpad

Wireless / Comm	Modem: Internal 56K v.90 Fax/Modem Ethernet: Integrated 10/100/1000 Mbps Wireless: Intel® Pro/Wireless 3945ABG (802.11a/b/g), Optional 802.11n Optional Bluetooth 2.0 + EDR Optional WWAN 3G module/antenna
AC/DC Adapter	Input: AC 90~265V 47~63Hz, Output: 20v/3.25A/65W
Batteries	Standard: 6 cell 4400mAh Li-Ion battery (Approx. 3hrs run time) Optional: 9 cell 6600mAh Li-Ion battery (Approx. 4hrs run time)
Dimensions	370mm(W) x 276(D) x 37.5-40mm(H)
Weight	2.9Kg/6.39lbs (with 6 cell battery) 3.1Kg/6.83lbs (with 9 cell battery)
Drop Resistant	Magnesium alloy case - 20 times stronger than ABS. Tested 26 drops from 76cm height to plywood over concrete with unit off and display closed.
Part Number:	CORBK-15

CORVALENT™
AT THE CORE OF EMBEDDED COMPUTING

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