CHD

Computer Hardware Design

CHD ONE

mobile computer

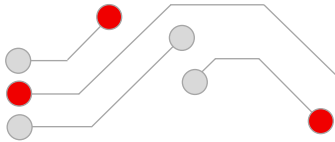*(device screen shows: CHD StockControl v1.6.5 — Inventory — Code: 11231234 — Name: Green tea — Price: 2.53 — Item count: 3 — 12:12 PM)*

Specification

Microprocessor	Marvell® PXA300 624MHz
Memory	64MB RAM
	128MB ROM
Display	2.4", QVGA (240x320) , 65K color TFT-LCD, with backlight
Audio	programmable buzzer 1 KHz - 4 KHz
Interfaces	full-speed USB 1.1 from cradle (or I/O cable)
	RS232 (115 Kbps) from cradle
Expansion slot	user accessible Micro SD card, up to 4GB with SDIO support
Keyboard	12 alphanumeric, 1 scan, 6 function keys, 7 programmable keys and navigation key
Barcode scanner	1D Laser or 2D (factory option)
Battery	Li-Ion 3.7V, 2,200mAh, rechargeable 3000mAh extended capacity battery (option)
Dimensions	157mm (L) x 25.3mm (W) x 2.24 mm (D)
Weight	210 g with battery
Power	230V AC +/- 10%
Power adaptor	5V 2A, 100/20 AC
Operating temperature	-10°C to +50°C
Storage temperature	-20°C to +70°C
Humidity	95%, non-condensing
Protection	IP54
Drop resistance	multiple 1.2 m drops onto concrete
Accessories	one slot docking cradle, Belt Strap, 4-slot battery charging cradle

✓ Robust
✓ Lightweight
✓ Ultra compact
✓ Warehouse software included

CHD ONE

mobile computer

Specification

Marvell® PXA300 624MHz, Windows CE.NET
The new CHD ONE is the latest generation mobile computer device, combining a pocket-sized rugged form factor with the flexibility of Microsoft's CE .NET 5.0 operating system and Marvell® PXA300 624MHz processor. CHD ONE is designed for retail, warehousing and logistics applications, where maximum performance and durability is required in a compact handheld device.

The Most Advanced Ergonomic Design for Comfort and Scan Intensive Applications
The user-tested ergonomic design of CHD ONE has rendered a lightweight and uncommonly well-balanced device that reduces stress and fatigue during extended work sessions. Its sculpted back case is shaped to comfortably accommodate any hand size .

Comfort and Easy to Use with 25 Degree Tilted Scanning Direction
CHD ONE has a unique design concept for scan engine positioning the first time in the industry. The scan engine with 25 degrees tilted scanning angle pointed downwards gives the users the maximum comfort and productivity for scanning. Its superior design concept helps to facilitate and increase workforce satisfaction inside the retail store, on the loading dock or on a delivery route.

Outstanding Durability
CHD ONE is designed from the ground up for rugged applications. With its IP54 sealing, 1.2m repeated drops to concrete, and wide operating temperature range CHD ONE stands up to any demanding application task.

Warehouse Software
CHD ONE is bundled with warehouse software CHD StockControl. The preinstalled software allows to perform all major warehouse, retail and logistics related tasks. CHD Stock Control provides the following functions: inventory, asset inventory, inventory with shelves, inventory with shelves and rows, price change, item check, receipt, acceptance of goods, registration of incoming items and order processing.