DCP-700 Data Collection Terminal

Product Overview

The DCP-700 is an economical, compact, data collection terminal that offers features to meet demanding applications. The DCP-700 includes a bright 7" inch 800x480 graphical display, 4 USB ports, wifi, Bluetooth, RJ45, and options such as keypad, keyboard, touch, and POE. The rugged chassis is designed for desktop or wall mounting . The device is void of moving parts, to offer years of reliable operation.

The performance, flexibility, rugged design and economical price, make the DCP-700 an excellent choice for data collection integration.
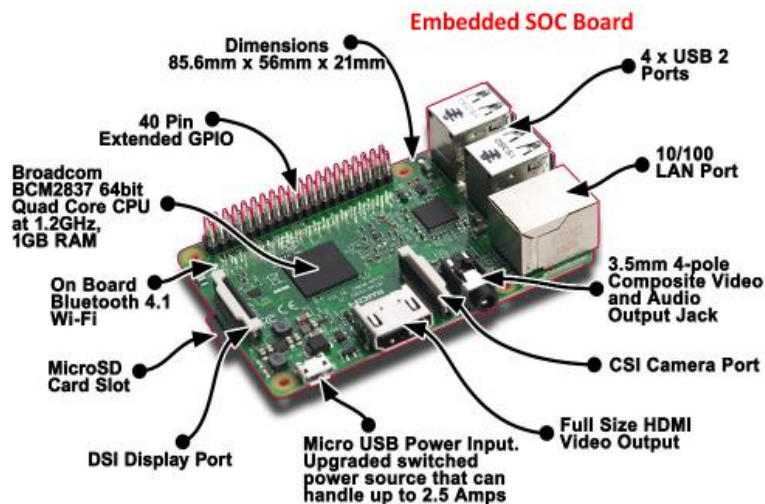
Choose from a number of readers including; Barcode slot readers, hand scanners, HID proximity readers, and biometric finger readers.

- Rugged flexible Operator Interface
- Durable Glass; finger or Gloved activated Touch Screen
- Bright Responsive 7" Display 800x480 dpi
- Enjoy high speed desktop performance in a compact space
- High Speed and Efficiency for the Most Demanding Tasks
- 3 Generation Broadcom Processor
- Embedded Linux OS
- Wireless and Bluetooth Connectivity
- Wireless 802.11 a/b/g
- Bluetooth 4.0 Class 1
- Rapid Restore Micro SD
- 5VDC 2.5 Amp PS or optional POE
- Heavy Duty power adapter & wall mount bracket
- Easy removal and optional security
- Easy access USB ports for user convince

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DCP-700 Data Collection Terminal

Embedded SOC Board

- Dimensions 85.6mm x 56mm x 21mm
- 40 Pin Extended GPIO
- Broadcom BCM2837 64bit Quad Core CPU at 1.2GHz, 1GB RAM
- On Board Bluetooth 4.1 Wi-Fi
- MicroSD Card Slot
- DSI Display Port
- Micro USB Power Input. Upgraded switched power source that can handle up to 2.5 Amps
- 4 x USB 2 Ports
- 10/100 LAN Port
- 3.5mm 4-pole Composite Video and Audio Output Jack
- CSI Camera Port
- Full Size HDMI Video Output

Specifications

SoC: Broadcom BCM2837
CPU: 4× ARM Cortex-A53, 1.2GHz
GPU: Broadcom VideoCore IV
RAM: 1GB LPDDR2 (900 MHz)
Networking: 10/100 Ethernet, 2.4GHz 802.11n wireless
Bluetooth: Bluetooth 4.1 Classic, Bluetooth Low Energy
Storage: microSD
GPIO: 40-pin header, populated
Ports: HDMI, 3.5mm analogue audio-video jack, 4× USB 2.0, Ethernet, Camera Serial Interface (CSI), Display Serial Interface (DSI)

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Host or ERP
Server

DCNET Application Suite Architechture

Windows Win7
Microsoft SQL Server
DCNET
Application Suite

Data Collection
Terminals

DCP440   DCP440   DCP440