

Lightweight, Ultra Portable Ruggedised Wireless Display for Client-Server Networks

CF-08

Field Rugged Series



Main Features

Tested to MIL-STD-810F. IP54 Rated.
Shock-resistant body survives a 90-cm free-fall test.*1

Operates with the standard battery for up to 14 hours.*2

Data transfer via WLAN (IEEE 802.11b/g) or LAN cable.

Spill-resistant and Dust-resistant.*4

- Display client for P2P and server connections (Citrix).
- Integrated WLAN and Bluetooth™
- Robust magnesium-alloy casing.



For desktop applications, the CF-08 can be mounted in a docking station, available as an optional accessory.



Due to its hand strap the 1.2kg lightweight display is extremely easy to handle, and its high-performance rechargeable battery can last for up to 14 hours.*2

Interface



- Genuine Microsoft® Windows® CE5.0 Professional
- Intel® PXA270 Processor ,312-MHz
- Wireless Internet connection (IEEE 802.11b/g)
- Bluetooth™
- RAM: Standard 64 MB
- TFT color LCD: 10.4" supporting XGA resolution

*1 Test conducted in operating condition. *2 The period of battery operation time varies according to the operating environment, LCD brightness, and system settings.
*4 Test conducted in non-operating condition. The shock resistance, vibration resistance, dust-proof, and splash-proof specifications do not guarantee that the product can be operated without damage or malfunction. *5 SD Memory Card operation has been tested using Panasonic SD Memory Cards with a capacity of up to 1 GB. The data transfer rate of the SD card slot is 4.8 MB/sec. (This is a theoretical value and the actual rate may differ.) The maximum data transfer rate remains 4.8 MB/sec even when using an SD Memory Card that supports a higher data transfer rate. The transferred data is not guaranteed to operate on all SD devices.

TOUGHBOOK

The Toughbook CF-08 is a lightweight, ultra portable wireless display that can be used for peer to peer communications or it can be integrated into a multi client WLAN system – for instance, in large buildings or extensive factory sites.

The 10.4 inch XGA touchscreen is characterised by its extreme clarity and its pin sharp display thanks to the excellent contrast ratio. With a brightness of 460 cd/m², the display is read easily, even in bright daylight conditions.

As a result of its impact-resistant magnesium casing, the robust display is protected against drops from up to 4 ft onto a concrete surface. A special seal also protects all ports against dust and water penetration. Even disinfectants can't harm the CF-08 which is vital for use in a medical environment.

Due to its hand strap the 1.2 kg lightweight display is extremely easy to handle, and its high-performance rechargeable battery can last for up to 14 hours. The lack of internal storage is intentional – all data accessed via the CF-08 is transmitted from the host system for processing and storage. In this way, highly sensitive data is protected against loss or unauthorised access.

External devices can be connected via an integrated Bluetooth® module. For desktop applications, the Toughbook can be mounted in a docking station, available as an optional accessory.

CF-08	CF-08TX2CX1M	
LCD	10.4" daylight-readable Active Matrix (TFT) colour LCD with touchscreen (up to 460 cd) 1024 x 768 pixel (XGA)	
Durability Features	Designed using MIL-STD-810F test procedures Full magnesium alloy case Moisture and dust-resistant LCD Sealed port and connector covers Vibration and drop-shock resistant Pre-installed replaceable screen film for touchscreen protection	
LCD-Cabinet	Magnesium alloy	
Buttons	Power, Keyboard, Cursor Control Button, User Button	
Wireless	Bluetooth® (v 1.2 class 2) WLAN 802.11b/g WLAN Security (authentication: WPA, WPA2, 802.1x, EAP-TLS, PEAP, TKIP; Encryption: 128-bit and 64-bit WEP), AES	
Speaker	Integrated Speaker	
Input Methods	Touchscreen LCD Stylus Pen (integrated holder) Software Keyboard	
Interfaces	Headphone/Speaker Microphone USB 1.1 LAN (10/100 Ethernet) Port replicator dedicated	Mini-jack (Stereo) Mini-jack (Mono) 4-pin male RJ45 jack 16 pin
Expansion Slot	1x SD card (secure digital memory)	
Power	Battery Battery life Charging time	Li-Ion (7.4V, 5200mAh) Approx. 14 hours (Battery Mark 4.01 – min. brightness) Approx. 4 hours/off (varies depending on usage conditions)
AC Adapter	AC 100V–240V, 50/60Hz	
Software*	Windows® CE v5.00 Citrix ICA Client, Microsoft® Remote Desktop Connection, Internet Explorer 6.0, Microsoft® Transcriber Handwriting Recognition, Software Keyboard, Display Rotation Tool, Signature Capture	
Security Features	No data stored locally Cable lock slot	
Dimensions (WxHxD)	267 mm x 208mm x 36mm	
Weight	1.2 kg (without handstrap)	
Operating Environment	Temperature: 5 °C to 35 °C Humidity: 30% to 80% RH (No condensation)	
Storage Environment	Temperature: -20 °C to 60 °C Humidity: 30% to 90% RH (No condensation)	
Accessories**	AC Adapter Battery Pack Desktop Cradle Replacement Stylus Pen Touchscreen Protector Film	CF-AA1623A CF-VZSU44U CF-VEB081U (4x USB 1.1, 1x LAN, 1x DC-In) CF-VNP009U CF-VPF08U

*Citrix presentation server 4.0, Citrix MetaFrame presentation server 3.0, Microsoft® Windows® 2003 Server Terminal services, Microsoft® Windows® 2000 Terminal services (supports both RDP and HTTP).

** Available separately. Contact your Panasonic sales representative for pricing.

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