



Åkerströms Tx700

Windows CE

Åkerströms' Tx700 CE is developed for companies that have stringent safety demands and want genuine, robust, thin clients to run various client/server applications.

The Tx700 CE is designed to tolerate tough treatment when used in production plants and warehouses exposed to dust, shock, vibrations, humidity, and extreme temperatures.

Åkerströms Tx700 is developed to tolerate brutal treatment in industrial environments.

- High security by limited user access
- Extremely reliable in tough environments
- Customized for client-server solutions
- Compact and robust design
- Functions for increased safety
- Extremely light magnesium case



Åkerströms Tx700 CE is based on a totally new modular-design architecture, making it easy to adapt to your operation's needs. Return on investment is assured through easily implementation of future functionality.

A safe, customized client

The Tx700 CE is a robust client, adapted for client/server environments. It comes with Windows CE, which enable total control of the user environment. Users only have access to functions they need for doing their jobs.

The screen, is equipped with touch functionality.

A flash disk is used for storage. Various accessories are conneted via the USB, serial port, PC card, or Ethernet.

Created for tough environments

Åkerströms Tx700 is developed to tolerate brutal treatment in industrial environments over the long term—from knock-resistant magnesium cases to sturdy internal components that are classified for industrial use. Extra reinforcement is built into card and screen holders, cabling, and mounting brackets. The computers are rigorously tested in certified laboratories and in real industrial environments to ensure that they tolerate dampness, extreme heat and cold, jolts, shock, and vibrations.

Reliable and safe

Åkerströms Tx700 comes with battery back-up and a power-saving function, built into the accompanying Trux Computer Manager.

This software also senses power-supply dips and can, for example, lower the screen's light density and shut off the battery charger

The unit is protected against damages from lightning, power surges, and similar events by its external power converter.

SPECIFICATIONS/OPTIONS ÅKERSTRÖMS TX700 CE

OPERATING SYSTEM

Windows CE

PROCESSOR

Intel Celeron 400MHz*, 128 MB SDR

DISPLAY

12,1" TFT Flat Panel SVGA (800X600)
Maximum brightness 400 cd/m2
Contrast Ratio 500:1

GRAPHICS CARD

VIA Twister S3

STORAGE

64 MB Compact flash

COMMUNICATION

LAN: Ethernet
WLAN: 802.11 b/g

PORTS

2 PC card, type II
1 PS/2 keyboard/mouse port
2 serial ports (COM1) and (COM2)
1 USB 1.1 port
1 Multi Purpose connector
1 RJ-45 Ethernet 10/100
1 Audio Out (Head Set)
1 Mic In (microphone)

ANTENNA

Chassis mounted
Vehicle mounted
External antenna socket

ENCAPSULATION

Magnesium housing
Weight: 3.7 kg (8.2 pounds)
Dimensions:
308 mm x 249 mm x 89 mm
(12.2 x 9.8 x 3.5 inches)
Shock-absorbing mounting brackets

POWER

13,2 VDC, 4A
Integrated Li ION battery
Integrated battery charger

COOLING

Passive cooling

PRE-INSTALLED SOFTWARE

Trux Computer Manager
Citrix client
Windows Terminal Services
FreeFloat Terminal Emulator
(licence key required)

TEMPERATURE RANGES

Operating temperature:
-30 to +50° C (-22 to +122° F)
Storage temperature:
-20 to +50° C (-4 to +122° F)

Start-up temperature:
-20 to +50° C (-4 to + 122° F)

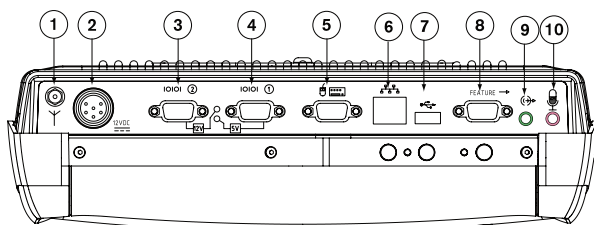
INCLUDED IN THE PACKAGE:

Installation guide
Product manual
Power cable
Keyboard adapter
CD with manuals and drivers

OPTIONS

Bluetooth
Defroster
Hardened Touch panel

INTERFACES ÅKERSTRÖMS TX700



1. External Antenna
2. Power supply
3. COM2 (serial port2)
4. COM1 (serial port 1)
5. Keyboard/mouse
6. RJ-45 (LAN)
7. USB 1.1
8. Multi Purpose Connector
9. Stereo out 3.5mm
10. Mic in 3.5mm



ENVIRONMENTAL TESTS

TEMPERATURE RANGE

Cold: IEC 68-2-1, Test Aa
Dry heat: IEC 68-2-2, Test Bc
Change of temperature: IEC 68-2-14, Test Nb
Non-condensing environment

MOISTURE

Maintain function at 85% relative humidity:
IEC 68-2-30, Test Db.
Upper temperature: +50°C (+122° F)
Number of cycles: 6
Each cycle: 24h (12h at +25°C (+77° F)
and 12h at 50°C (+122° F))

VIBRATION

Shall maintain function at random vibrations: EN 60068-2-64
Test FH
Range of frequencies: 5 – 500 Hz
Acceleration: 2g rms
Number of axes: 3, perpendicular to one another
Duration: 3 x 1h
Mode: Operational mode
Ambient temperature: Room temperature

BUMP

Shall maintain function at bump: EN 60068-2-29,

Test Eb:

Pulse shape: Half sinus
Acceleration: 30g
Pulse duration: 6 ms
Number of axes: 3, perpendicular to one another
Directions: 1 per axes
Number of pulses: 3 x 5000
Range of frequencies: 1 – 3 Hz
Mode: Operational mode
Ambient temperature: Room temperature

CONFORMITY

CE, FCC and ETL

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