

Trux 600

Wireless Application Platform

Åkerströms' Trux 600 Wireless Application Platform is developed for companies that want total versatility and need powerful computers that enable several heavy applications to run simultaneously. The Trux 600 Wireless Application Platform is designed to tolerate tough treatment when used in production plants and warehouses exposed to dust, shock, vibrations, humidity, and extreme temperatures.

The Trux 600 is developed to tolerate brutal treatment in industrial environments.

The Trux 600 Wireless Application Platform is based on a totally new modular-design architecture, making it easy to adapt to your operation's needs. Return on investment is assured because future functions are easily implemented.

A flexible platform

The Trux 600 Wireless Application Platform comes in various configurations to meet your requirements. You select operating system, processors and primary memory—based on the types and numbers of applications that you run at the same time. The screen, which is equipped with touch functionality, comes in different resolutions and light intensity depending on how and where the computer will be used. Various accessories are connected via the many easily accessible connection options: wireless or USB, serial port, PC card, or Ethernet.

Created for tough environments

The Trux 600 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.

WIRELESS APPLICATION PLATFORM

- Top performance for heavy applications
- Full flexibility
- High reliability
- Compact and robust design
- Functions for increased safety
- Light magnesium case
- Wide range of options and accessories



Reliable and safe

The Trux 600 comes with battery backup 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 computer after a specified time so that user data isn't lost. For safety, the screens can be automatically blacked out when vehicles are moving so that operators aren't distracted. The Trux 600 is protected against damages from lightning, power surges, and similar events by its external power converter.

SPECIFICATIONS/OPTIONS TRUX 600 WIRELESS APPLICATION PLATFORM

OPERATING SYSTEM

Windows 2000 Professional
Windows XP Professional MUI

PROCESSOR

Intel Celeron 400 MHz
Intel Celeron 650 MHz
Intel Mobile Pentium III 933 MHz

DISPLAY

12.1" TFT SVGA, 350 cd/m2
12.1" TFT XGA, 350 cd/m2
12.1" TFT SVGA, 900 cd/m2

MEMORY

256 MB
512 MB

STORAGE

Industrial grade hard disk drive 20 GB

CONNECTIVITY

LAN: Ethernet
WLAN: 802.11 b/g
Short distance: Bluetooth
Wide area: GPRS

INTERFACES

2 COM-ports DB-9
2 USB-ports
2 PC-card slots
10/100 Ethernet port

ANTENNA

Chassi mounted
Vehicle mounted
Prepared for multiple antennas

ENCAPSULATION

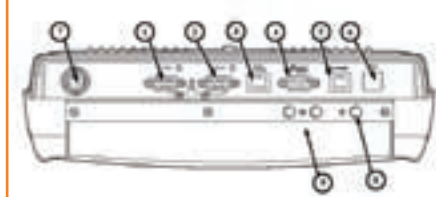
Magnesium housing
Weight: 3.7 kg (8.2 pounds)
Dimensions:
309 mm x 248 mm x 85 mm
(12.2 x 9.8 x 3.4 inches)
Holders for mounting brackets
in shock absorbing rubber

POWER

12 VDC \pm 10%, \approx 4A (max) \approx 2A (typical)
The unit has an integrated Li ION
battery and a battery charger

PRE-INSTALLED SOFTWARE

Trux Computer Manager
FreeFloat Terminal Emulator
(licence key required)



- | | |
|--------------------------|-----------------|
| 1. COM2 (serial port 2) | 6. 2 x USB |
| 2. COM1 (serial port 1) | 7. Power supply |
| 3. RJ-45 (local net) | 8. On/Off |
| 4. Keyboard/mouse | 9. Brightness |
| 5. RJ-45 (expander port) | |

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:
0 to +50°C (32 to + 122° F)

INCLUDED IN THE PACKAGE:

Installation guide
Product manual
Power cable
Keyboard adapter

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

MOISTURE

Maintain function at 85% condensing moisture:
IEC 68-2-30, Test Db.
Upper temperature: +50°C (+122° F)
Number of cycles: 6

VIBRATION

Shall maintain function at random vibrations: EN 60068-2-6,
Test Fc:
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

The information in this document is subject to change without notice