VX6 & VX7
Vehicle-Mounted Computers

Flexible features for improved performance

Both the VX6 and VX7 feature the Intel® XScale® processor and Microsoft® Windows® CE .NET operating system. Now you have the option to easily run CE .NET applications - not only on your handheld computers, but also on your vehicle-mount computers - greatly reducing user training time and support costs. The CE .NET architecture also provides a greater return on investment by enabling you to easily adopt future emerging technologies and applications.

Additionally, the VX6 & VX7 support LXE's RFTerm® multi-session terminal emulator, so you can simply and cost-effectively run legacy terminal emulation applications. Then, when the time is right to migrate your application to a Windows GUI or browser based design, there is no new hardware to buy.

Indoor/outdoor display on a lightweight unit

Both units ship with high visibility, indoor or outdoor color displays which are easy to read in any lighting condition - making them perfect for use on fork trucks that travel from the freezer to the warehouse to the yard.

IT managers will find the light, lower profile, half-screen VX6 with its integrated keyboard, easy to mount on fork trucks. And, operators will appreciate how easy the VX6 is to use with its keyboard and screen being in close proximity.

The VX7 is perfect for more robust CE .NET applications that require a full screen.

Fit for freezer

Both the VX6 and VX7 are available in "Low Temp" versions, which are specially designed for freezer and cold weather operations to -22° F. And, both are designed with a touch screen heater to remove unwanted fog or frost from the viewing area.

And as always, the VX6 & VX7 are supported by LXE's award winning Customer Support team, winners of the Mobile Star Award™ for "best customer satisfaction" in mobile hardware, two years in a row.

LXE®
An EMS Technologies Company

VX6 & VX7 *Vehicle-Mounted Computers*

TECHNICAL SPECIFICATIONS

Processing & Memory

Intel® XScale® PXA255 400MHz CPU
64MB or 128MB SDRAM
64MB or 128MB Compact Flash

System Software

Windows® CE .NET 4.2
API's and utilities

Optional Software

RFTerm® Windows Terminal Emulations
 VT220, TN5250, TN3270
SDK API's
Personal JAVA 1.2 JVM

VX6 Integrated Keyboard

LXE rugged 60-key keyboard
 Features include: 101 key access, backlight,
 epoxy coating, IP66 seal and terminal emulation
 specific overlays

VX7 External Keyboard

LXE rugged 95-key "Laptop Style" keyboard with
 integrated 2-button mouse
 Features include: 101 key access, dual color
 backlight with brightness adjust, IP66 seal
LXE rugged 60-key "Legacy" keyboard
 Features include: 101 key access, backlight,
 epoxy coating, IP66 seal and terminal emulation
 specific overlays

Display & Touch Screen

VX6

10.5″ TFT active matrix color indoor & outdoor
 displays with resistive touch screens and
 tethered stylus
 ½ SVGA+ = 800 x 320 pixels
 550 NIT Brightness (Outdoor Display)
 350 NIT Brightness (Indoor Display)
Front panel brightness adjust
Optional touch screen heater removes fog or
 frost from the viewing area

VX7

12.1″ TFT Active Matrix Color Indoor & Outdoor
 displays with Resistive Touch Screens and
 tethered Stylus
 SVGA - 800 x 600 pixels
 550 NIT Brightness (Outdoor Display)
 350 NIT Brightness (Indoor Display)

Front Panel Brightness Adjust
Optional touch screen heater removes fog or
 frost from the viewing area

Power Supply & UPS

12-80VDC internal fully isolated power supply
 with power cable for vehicle attachment
Externally accessible fuse
Front panel power switch with power status dual
 color LED
Optional UPS lead acid battery pack capable of a
 minimum 15 minutes operation

Interfaces

(2) RS-232 Ports (D9) with switchable power for
 tethered devices like scanners
(1) Combo USB Host / USB Client / Ethernet
 Port (10/100Mb)
(1) 2.5mm Audio / Microphone Jack supports
 external speakers or headset
(2) Internal Speakers capable of volumes in excess
 of 95dB
(1)Dual PS/2 Keyboard / Mouse Port (VX7 only)
Bluetooth Tested

Expansion

Expansion device access is via top mounted user
 access panel
(2) Type I/II PCMCIA slots
(1) SD Memory slot

Radio Card Support - PCMCIA

2.4GHz 802.11b radios
Single or dual diversity external Omni-directional
 antennas (remote mount antenna kits available)

Enclosure

Black high strength, high temp industrial plastic
 with an aluminum mounting plate
Size
 9.6″ x 12.2″ x 3.6″
 (24.4cm x 30.9cm x 9.1cm)
Weight VX6
 9.4 lbs (4.26kg)
Weight VX7
 9.4 lbs (4.26kg)

Environmental

Operating temperature range
 Standard temp unit
 -20°C (-4°F) to 50°C (122ºF)
 Freezer unit with heater

 -30°C (-22°F) to 50°C (122ºF)
Storage temperature range
 -30°C (-22°F) to 60°C (140ºF)
Humidity
 100% RH condensing (heated unit only)
Dust and Water Protection Enclosure Rating
 Compliant to IEC 60529 IP66
Shock and Vibration Testing Exceeds MIL STD
 810F

Approvals

Emissions (EMI)
FCC Part 15 Subpart B, Class A
Industry Canada ICES-003 Class A
EN 55022, Class A (CISPR22), AS/NZ 3548
Immunity (EMC)
EN 55024:1998
Safety
UL 60950, CSA C22.2 No. 60950, EN 60950,
IEC 60950
Radios separately approved to:
FCC Part 15, Subpart C
Industry Canada RSS 210, RSS 102
RSS 139 and/or 210
R&TTE Directive: EN 300 328,
EN 300 826, EN 60950

Vehicle-Mounting

VX6 and VX7 Mounting Options:
 RAM® Mount Arm System
 U-Bracket Mount
 U-Bracket Adapter kit to use with existing LXE
 U-Bracket
Keyboard Mounting Options (VX7 only):
 Integrated RAM Mount Arm System
 Integrated U-Bracket Mount
 Remote Mount

Accessories

Remote Antenna Kits (6′ & 8′)
Tethered Scanners (1D and 2D PDF-417)
Tethered Area Imagers
Wireless Scanners
PCMCIA and CF memory cards
USB/Ethernet conversion cable
Shielded Printer and PC data cables
Tethered Stylus Replacement Kits
Keyboard Mounting Brackets (3 options)
Keyboard adapter cable for non-LXE keyboards
UPS Lead Acid Battery Pack
UPS Battery 6′ Extension Cable
AC/DC Power Supply for wall mount applications

GSA Schedule Contract GS-35F-0203M

ORACLE PartnerNetwork CERTIFIED PARTNER

SOFTWARE SAP PARTNER

CISCO SYSTEMS | Premier Certified Partner

C E

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