THOR™

THREE NEW FEATURES. TWO OPERATING SYSTEMS. ONE OF A KIND.

LXE®

It's the first few feet after the traffic jam, the restart after a yellow flag, or the daylight that breaks right in front of our eyes. It comes when innovation shatters conventional thinking to create fast, open road. Meet the Thor, LXE's newest vehicle-mount computer, and the reinvention of the category.

The Thor is intuitively designed to match the way you work, with features like the Quick Mount Smart Dock that allow one-handed docking and undocking, or the field-replaceable keyboard and touchscreen that swap out in seconds. When you're on the job, Thor works overtime, with a fast 1.6GHz Atom Z530 processor, WWAN, WLAN, and Bluetooth connectivity, and a Windows CE 6.0 or Windows Embedded Standard OS. All that computing power comes optimized for industrial environments with custom-made features like our patent-pending ignition control.

And it all comes from LXE, the manufacturer who has pioneered vehicle-mount computing for almost three decades. Ready for the open road? Visit lxe.com.

- GPS
- IP 66
- -30°C
- WWAN RADIO
- OUTDOOR DISPLAY
- VOICE READY

SPEED
Intel® Atom Z530 1.6GHz Processor with up to 2GB RAM

FIELD-REPLACEABLE
Front panel swaps out in seconds

QUICK-MOUNT SMART-DOCK
Dock & undock with one hand

CUSTOMIZABLE
Fully-mappable keyboards in multiple configurations with 10 function keys

CONNECTED
802.11 a/b/g/n & Bluetooth standard, with available WWAN radio

LXE | TRUX | Vehicle-Mount Computers

THOR™
TECHNICAL SPECIFICATIONS

PLATFORM

Processing & Memory
- Intel® Atom Z530 1.6GHz
- 1GB for Windows CE or 2GB for WES DDR2 SDRAM

System
- Windows® CE 6.0
- Windows® Embedded Standard 2009 (WES)

Display & Touch Screen
- 8" (20cm) WVGA (800x480) LED backlit display
- Standard 400 NIT indoor display
- Optional 900 NIT outdoor display
- Light sensor provides automatic brightness control
- Resistive touchscreen
- Optional touchscreen defroster
- Optional screen blanking

Mass Storage
- 1GB for Windows CE; 4GB and 8GB for WES OS
- User installable expansion slot supports 1GB and 4GB SD card

Power Supply & UPS
- 10 to 60 VDC isolated
- Optional external converters for AC (90-240VAC) & extended range DC (60-150 VDC)
- Integrated Li-ION maintenance UPS, 30-min life at -20°C

Keyboard
- Full 64-key QWERTY keyboard w/number pad & 10 function keys
- Optional 12-key minimized keyboard with 10 function keys, shift, 2nd & power keys
- All keys except modifiers are mappable
- All keys backlit
- Optional 5250 & 3270 keyboard overlays

Dimensions
- Terminal 10.6 x 8.4 x 1.7/2.6" (268 x 214 x 43/66mm)
- Dock 7.1 x 6.1 x 2.5" (180 x 155 x 64mm)
- Weight
  - Terminal 5.6lb (2.1kg)
  - Dock 3.2 lb (1.2 kg)

ENVIRONMENTAL

- Ingress Protection: IEC 60529 compliant to IP66
- Operating temperature: -22° to 122°F (-30° to +50°C)
- Optional screen defroster recommended for cold storage
- Storage temperature: -22° to +140°F (-30° to +60°C)
- Vibration: MIL-STD-810F, composite wheeled vehicles
- Crash: SAE-J 1455
- RoHS compliant

Approvals
- Emissions
  - FCC Part 15, subpart B, class A
  - EN 55022, Class A (CISPR22)
  - AS/NZS 3548, Class A (CISPR22)
  - GB9254
- Immunity
  - EN 55024:1998 (enhanced: ESD to 8kV direct & 15kV air)
  - GB 9254-2008
- Safety
  - UL 60950-1
  - CSA C22.2 No. 60950-1
  - EN 60950-1
  - IEC 60950-1
- Radio
  - FCC Part 15, subpart C
  - IC RSS210, 102
  - EN 300 328
  - Approved by all LXE-operating countries (to confirm specific approval, email info@lxe.com)

CONNECTIVITY

Optional Software
- Windows® CE 6.0
  - RFTerm, Wavelink TE, Naurtech CETerm & Industrial Browser, & Stay-Linked Terminal Emulators
  - DCWedge barcode wedge
  - Wavelink Avalanche & eXpressConfig network management
- WES
  - Freefloat Access One terminal emulator
  - Freefloat wedge

Interfaces
- 1x USB 2.0 host port
- 1x USB 1.1 client port
- 2x RS-232 COM ports
- 1x CAN-bus port
- 1x headset port
- DC power input & ignition input
- RF Antenna ports for WiFi (2), WWAN (1) & GPS (1)
- Integrated stereo speakers w/ adjustable volume control
- Integrated microphone
- LEDs
  - System status
  - Power status
  - SSD status
  - WWAN status
  - WLAN status
  - Bluetooth status

Radio Support
- WLAN:
  - 802.11 a/b/g/n for WES OS
  - 802.11 a/b/g for Windows CE
  - WPA & WPA2 security
  - Dual internal or external antennas
- Bluetooth® 2.0+EDR standard
- Optional Gobi 2000™ WWAN Radio
  - UMTS/HSPA 3.75G Release 6
    › 800, 850, 900, 1900, & 2100 MHz bands
    › GSM/GPRS/EDGE compatible
    › AT&T approval for US applications
    › GCF, ETSI, PTCRB approvals for worldwide apps
  - CDMA EV-DO Release A
    › 800 & 1900 MHz bands
    › Verizon approvals for US applications
  - Data only
  - GPS: A-GPS included

CUSTOMIZATIONS

Accessories
- Multiple RAM® Mount mounting options
- Screen blanking unit
- Data & adapter cables
- Multiple external DC/DC & AC/DC converters
- Remote antenna kits
- Barcode scanners (tethered & wireless)

Field technician-replaceable/installable components
- Keyboard
- Touchscreen
- UPS battery
- Expansion Flash memory

Developers
- Free SDK available: **lxe.com/developer**

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