EVEREST E4500

GLACIER COMPUTER
Everest Series

Rugged Mobile Computing Solutions

Information is the key to success in warehousing and manufacturing. Whether receiving inventory, filling orders, moving freight, or monitoring time and attendance, there is no better partner than the Everest from Glacier Computer.

Warehouse personnel are not the easiest on equipment; but your data collection needs are 24/7, 365 days per year. The Everest computers have been tested in the most extreme conditions imaginable. With a sealed enclosure, you can be sure the Everest is as tough as you are.

Industrial Computing for Mission Critical Applications

Customized to your exact needs, from warehousing to manufacturing to transportation.

- INTEL® ATOM N270 1.6 GHz
- UP TO 2GB
- MULTIPLE STANDARD I/O
- WIRELESS LAN, WAN AND GPS OPTIONS
- CUSTOM ONBOARD DIAGNOSTIC AND CONFIGURATION UTILITY
- RESISTIVE TOUCHSCREEN
- SCREEN BLANKING
- 10", 12" AND 15" DISPLAYS
- 10V TO 60V ISOLATED INTERNAL POWER SUPPLY
- OPTIONAL SUNLIGHT READABLE DISPLAY
- PROGRAMMABLE, BACKLIT, FUNCTION BUTTONS

TOUCH-SCREEN INTERFACE

ENVIRONMENTALLY SEALED

WIRELESS CONNECTIVITY

SHOCK & VIBRATION TESTED

EVEREST E4500 HARDWARE SPECIFICATIONS

Processor
Intel® Atom N270 1.6 GHz

Operating Environment
Windows XP Pro
Windows XP Embedded
Windows 7
Linux
WIN.8.1

Memory
Up to 2 GB

Chipset
Intel 945 SE

Touchscreen
5 wire resistive

Storage
HDD with shock damper
or SSD

Display
10.4" TFT SVGA (800 x 600) LCD
12.1" TFT SVGA (800 x 600) LCD
12.1" TFT XGA (1024 x 768) LCD
15.0" TFT XGA (1024 x 768) LCD
Optional daylight readable LCD

Wireless Options
Internal 802.11 a/b/g
GPS
Internal Bluetooth

Antennas
Internal Dual Diversity
Dual External antennas (Optional)

I/O Ports
1 - Serial ports
1 - RJ-45 Ethernet
2 - USB 3.0 ports (2 External, 1 Internal)
Internal Mini-PCI slot
PS/2 (keyboard, mouse)

Utilities
Commander diagnostic software

Keyboard (Optional)
Waterproof and dustproof
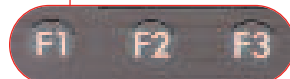Optional on-screen keyboard

Power Supply
Internal 10 - 60 Volt DC Optically Isolated Power
Conversion

Button Panel left to right:
Information LED, Battery Indicator,
HD Access, Power On, Power Button

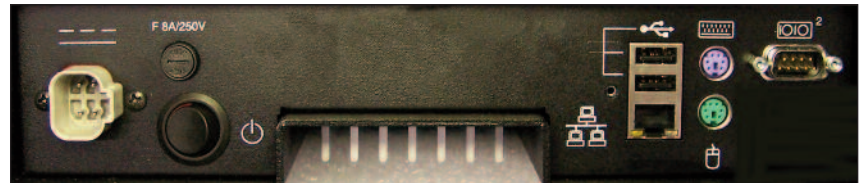Everest - 10.4, 12.1,
or 15.0 Display
Available

Programmable Function Keys

Everest Back View

Everest E4500 Input Panel

ENVIRONMENTAL SPECIFICATIONS

Temperature
Operating: -30°C to 55°C/-22°F to 132°F
  (except battery)

Humidity
5% to 95% RH, non-condensing

Vibration
30 Grms with solid state drive

Enclosure
IP56 with I/O optional panel cover

MTBF
34,000 Hours

Approvals
FCC
CE
RoHS

Options
Automatic Screen Blanking
Automatic Shutdown

MADE IN THE USA
Specifications subject to change

GLACIER
COMPUTER

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