

# REvolution

## E AND ES

### STANDARD CONFIGURATION :

**PROCESSOR:** Intel Mobile Pentium® III-M Processor at 1.06GHz  
**SYSTEM BUS SPEED:** 133 MHz  
**L2 CACHE:** 512K  
**MEMORY:** 384MB SDRAM (Standard)



### OPERATING SYSTEMS SUPPORTED

- Windows XP Professional (Standard), Windows 2000 Professional

### CHASSIS CONSTRUCTION

- Rugged, lightweight magnesium chassis
- Custom-designed construction protects internal subsystems from shock and vibration
- Removable handles

### VIDEO MEMORY

- User Selectable Shared Video RAM, 8MB to 48MB (Memory Dependent)

### DRIVES OPTIONS

- 40GB Primary Removable Hard Drive – (Standard - upgradeable to 60GB)

### I/O CONNECTORS

- PCMCIA Slots: Two Type II PCMCIA slots or One Type III
- Serial Ports: One open RS-232 port
- Audio Ports: Mic. in, Line Out, Speakers
- One RJ11 (Modem 56k, V.90) port
- One RJ45 10/100Mbps (Ethernet/LAN) port
- Dual USB 2.0 Ports
- Docking Connector

### OTHER

- Dual 1-Watt integrated, sealed stereo speakers
- Omni-directional, integrated microphone
- 16-bit stereo audio subsystem

### KEYBOARD & MOUSE

- Full size sealed QWERTY keyboard with 84 keys (USA Standard key set)
- Sealed Mouse against weather, dust, and moisture (NEMA 3/ IP54)
- Stylus, non-tethered

### DISPLAY "E" REvolution

- 12.1" 1024 x 768 XGA resolution, 18-bit color
- One-touch brightness control

### DISPLAY "ES" REvolution

- High-Bright 12.1" Sunlight Readable Display with TransRadiant Display Technology  
1024 x 768 XGA resolution
- One-touch brightness control

### PHYSICAL CHARACTERISTICS

- Weight: 8lbs with battery
- Size (mm): 326W x 261D x 54H
- Size (in): 12.8"W x 10.25"D x 2.125"H

### POWER SYSTEM

- Power Management: On, Hibernate, Standby, Off
- Software configurable power control button
- 57 Watt Lithium Ion Battery 3.5 hour life
- AC Adapter: Input 90-264VAC, 50-60 Hz; Output: 12V, 55W
- DC Input: 10V to 24V
- 12' AC Power Cord

### OPTIONS AVAILABLE :

#### SYSTEM OPTIONS

- I/O Extension Stick: Parallel, Serial, PS/2, RGB, USB 2.0 ports, Audio ports Mic. In, Line Out, Speakers
- RAM Upgrade to 640MB
- 11-32 VDC Converter
- DC Power Cord
- International key sets (Spanish, French, German and others)
- Soft Carrying Case
- Hard Transit Case
- Extra Lithium Ion Battery at 3.5-hours total life, with two batteries 7-hours
- In-Vehicle Mount with or without Docking Station

#### LEFT BAY OPTIONS

- 40GB or 60GB Secondary Removable Hard Drive for front left bay
- CD-RW Drive Module
- DVD Drive Module
- DVD/CD-RW Combo
- Floppy Diskette Drive Module

### ENVIRONMENTAL SPECIFICATIONS :

#### Temperature/Humidity

- Operating Temperature: -15°C to +50°C (5°F to 140°F)
- Storage Temperature: -20°C to +70°C (-4°F to 158°F)
- Operating Humidity: 10-88% relative humidity, non-condensing
- Storage Humidity: 5-95% relative humidity, non-condensing

**Rain and Dust** IP54 / NEMA 3

#### Shock

- Mil-Std-810F, Method 516.5, Procedure I: 40G
- Mil-Std-810F, Method 516.5, Procedure IV: 26 drops @ 48" (Transit Case)
- Designed For Raw Drop: 26 drops @ 36" (No Transit Case)
- Mil-Std-810F, Method 516.5, Procedure V: 75G

#### Vibration

Mil-Std-810F, Method 514.5, Procedure I Category 20 & 24

#### EMI/EMC

FCC Class B, CE Class B

#### Safety

UL, cUL, CE

#### Altitude

- Operational: 3,000 meters (10,000 feet)
- Storage: 10,668 meters (35,000 feet)



Trademarks are the property of the respective holders.  
Specifications subject to change without notice.

Visit us at [www.kontronmobile.com](http://www.kontronmobile.com)

# ReVOLUTION

## XT AND XTS

### STANDARD CONFIGURATION :

**PROCESSOR:** Intel Mobile Pentium® III-M Processor at 1.06GHz  
**SYSTEM BUS SPEED:** 133 MHz  
**L2 CACHE:** 512K  
**MEMORY:** 640MB SDRAM (Standard)

#### OPERATING SYSTEMS SUPPORTED

- Windows XP Professional (Standard), Windows 2000 Professional

#### CHASSIS CONSTRUCTION

- Rugged, lightweight magnesium chassis
- Custom-designed construction protects internal subsystems from shock and vibration
- SwitchIt™ 180° hinge converts Laptop into Tablet
- Removable handles

#### VIDEO MEMORY

- User Selectable Shared Video RAM, 8MB to 48MB (Memory Dependent)

#### DRIVES OPTIONS

- 40GB Primary Removable Hard Drive – (Standard - upgradeable to 60GB)
- 24X CD-ROM Drive Module- standard

#### I/O CONNECTORS

- PCMCIA Slots: Two Type II PCMCIA slots or One Type III
- Serial Ports: One open RS-232 port
- Audio Ports: Mic. In, Line Out, Speakers
- One RJ11 (Modem 56k, V.90) port
- One RJ45 10/100Mbps (Ethernet/LAN) port
- Dual USB 2.0 Ports
- Docking Connector

#### OTHER

- Integrated 802.11b Wireless Local Area Network (WLAN) technology
- Dual 1-Watt integrated, sealed stereo speakers
- Omni-directional, integrated microphone
- 16-bit stereo audio subsystem
- Carrying Shoulder Strap

#### KEYBOARD & MOUSE

- Backlit sealed keyboard with full size sealed QWERTY keyboard with 84 keys (USA Standard key set)
- Sealed Mouse against weather, dust, and moisture (NEMA 3/ IP54)
- Virtual keyboard available for all operating systems
- Stylus, non-tethered

#### DISPLAY “XT” ReVOLUTION

- 12.1” 1024 x 768 XGA resolution, 18-bit color
- Touchscreen, resistive matrix
- One-touch brightness control

#### DISPLAY “XTS” ReVOLUTION

- High-Bright 12.1” Sunlight Readable Display with TransRadiant Display Technology 1024 x 768 XGA resolution, 18-bit color
- Touchscreen, resistive matrix
- One-touch brightness control

#### PHYSICAL CHARACTERISTICS

- Weight: 8lbs with battery
- Size (mm): 326W x 261D x 54H
- Size (in): 12.8”W x 10.25”D x 2.125”H

#### POWER SYSTEM

- Power Management: On, Hibernate, Standby, Off
- Software configurable power control button
- 57 Watt Lithium Ion Battery 3.5 hour life
- AC Adapter: Input 90-264VAC, 50-60 Hz; Output: 12V, 55W
- DC Input: 10V to 24V
- 12’ AC Power Cord



### OPTIONS AVAILABLE :

#### SYSTEM OPTIONS

- I/O Extension Stick: Parallel, Serial, PS/2, RGB, USB 2.0 ports, Audio ports Mic. In, Line Out, Speakers
- 11-32 VDC Converter
- DC Power Cord
- Backlit sealed keyboard
- International key sets (Spanish, French, German and others)
- Soft Carrying Case
- Hard Transit Case
- Extra Lithium Ion Battery at 3.5-hours total life, with two batteries 7-hours
- In-Vehicle Mount with or without Docking Station

#### LEFT BAY OPTIONS

- 40GB or 60GB Secondary Removable Hard Drive for front left bay
- CD-RW Drive Module
- DVD Drive Module
- DVD/CD-RW Combo
- Floppy Diskette Drive Module

### ENVIRONMENTAL SPECIFICATIONS :

#### Temperature/Humidity

- Operating Temperature: -15°C to +50°C (5°F to 140°F)
- Storage Temperature: -20°C to +70°C (-4°F to 158°F)
- Operating Humidity: 10-88% relative humidity, non-condensing
- Storage Humidity: 5-95% relative humidity, non-condensing

**Rain and Dust** IP54 / NEMA 3

#### Shock

- Mil-Std-810F, Method 516.5, Procedure I: 40G
- Mil-Std-810F, Method 516.5, Procedure IV: 26 drops @ 48” (Transit Case)
- Designed For Raw Drop: 26 drops @ 36” (No Transit Case)
- Mil-Std-810F, Method 516.5, Procedure V: 75G

#### Vibration

Mil-Std-810F, Method 514.5, Procedure I Category 20 & 24

#### EMI/EMC

FCC Class B, CE Class B

#### Safety

UL, cUL, CE

#### Altitude

- Operational: 3,000 meters (10,000 feet)
- Storage: 10,668 meters (35,000 feet)



Trademarks are the property of the respective holders.  
Specifications subject to change without notice. \* Test Pending

Visit us at [www.kontronmobile.com](http://www.kontronmobile.com)

U.S. 888-343-5396 • Europe 49-81-65-77-0 • Asia 886-2-2910-3532 #317

February 2004

## STANDARD CONFIGURATION :

PROCESSOR: Intel Mobile Pentium® III-M Processor up to 1.20 GHz  
SYSTEM BUS SPEED: 133 MHz  
L2 CACHE: 512K  
MEMORY: 640MB SDRAM (Standard)

### OPERATING SYSTEMS SUPPORTED

- Windows XP Tablet PC Edition

### CHASSIS CONSTRUCTION

- Rugged, lightweight magnesium chassis
- Custom-designed construction protects internal subsystems from shock and vibration
- SwitchIt™ 180° hinge converts Laptop into Tablet
- Removable handles

### VIDEO MEMORY

- User Selectable Shared Video RAM, 8MB to 48MB (Memory Dependent)

### DRIVES OPTIONS

- 40GB Primary Removable Hard Drive – (Standard - upgradeable to 60GB)
- 24X CD-ROM Drive Module- standard

### I/O CONNECTORS

- PCMCIA Slots: Two Type II PCMCIA slots or One Type III
- Audio Ports: Mic. In, Line Out, Speakers
- One RJ11 (Modem 56k, V.90) port
- One RJ45 10/100Mbps (Ethernet/LAN) port
- Dual USB 2.0 Ports
- Docking Connector

### OTHER

- Integrated 802.11b Wireless Local Area Network (WLAN) technology
- Dual 1-Watt integrated, sealed stereo speakers
- Omni-directional, integrated microphone
- 16-bit stereo audio subsystem
- Carrying Shoulder Strap

### KEYBOARD & MOUSE

- Backlit sealed keyboard with full size sealed QWERTY keyboard with 84 keys (USA Standard key set)
- Sealed Mouse against weather, dust, and moisture (NEMA 3/ IP54)
- Virtual keyboard

### DISPLAY

- 12.1" 1024 x 768 XGA resolution, 18-bit color
- EMR Digitizer w/Stylus
- One-touch brightness control

### PHYSICAL CHARACTERISTICS

- Weight: 8lbs with battery
- Size (mm): 326W x 261D x 54H
- Size (in): 12.8"W x 10.25"D x 2.125"H

### POWER SYSTEM

- Power Management: On, Hibernate, Standby, Off
- Software configurable power control button
- 57 Watt Lithium Ion Battery 3.5 hour life
- AC Adapter: Input 90-264VAC, 50-60 Hz; Output: 12V, 55W
- DC Input: 10V to 24V
- 12' DC Power Cord
- 12' AC Power Cord



## OPTIONS :

### SYSTEM OPTIONS

- I/O Extension Stick: Parallel, Serial, PS/2, RGB, USB 2.0 ports, Audio ports Mic. In, Line Out, Speakers
- 11-32 VDC Converter
- International key sets (Spanish, French, German and others)
- Soft Carrying Case
- Hard Transit Case
- Extra Lithium Ion Battery at 3.5-hours life
- In-Vehicle Mount with or without Docking Station

### LEFT BAY OPTIONS

- 40GB or 60GB Secondary Removable Hard Drive for front left bay
- CD-RW Drive Module
- DVD Drive Module
- DVD/CD-RW Combo

## ENVIRONMENTAL SPECIFICATIONS :

### Temperature/Humidity

- Operating Temperature: -15°C to +50°C (5°F to 140°F)
- Storage Temperature: -20°C to +70°C (-4°F to 158°F)
- Operating Humidity: 10-88% relative humidity, non-condensing
- Storage Humidity: 5-95% relative humidity, non-condensing

### Mil-Std-810F tested

### Rain and Dust P54 / NEMA 3

### Shock

- Mil-Std-810F, Method 516.5, Procedure I: 40G
- Mil-Std-810F, Method 516.5, Procedure IV: 26 drops @ 48" (Transit Case)
- Designed For Raw Drop: 26 Drops @ 36" (No Transit Case)
- Mil-Std-810F, Method 516.5, Procedure V: 75G

### Vibration

Mil-Std-810F, Method 514.5, Procedure I Category 20 & 24

### EMI/EMC

FCC Class B, CE Class B

### Safety

UL, cUL, CE

### Altitude

- Operational: 3,000 meters (10,000 feet)
- Storage: 10,668 meters (35,000 feet)

Trademarks are the property of the respective holders.  
Specifications subject to change without notice.



Visit us at [www.kontronmobile.com](http://www.kontronmobile.com)