



Satellite Pro M30:Centrino/ 1.7 GHz/ XP Pro/ 15.4

Part Number : PSM35E-0021J-G3

- Breakthrough mobility - the latest Intel® Centrino™ mobile technology delivers outstanding performance in a slim metallic-silver design
- All-in-one convenience - includes Microsoft® Windows® XP Professional, Microsoft® Office OneNote™ 2003 and Toshiba ConfigFree™ software
- Widescreen sensation - 15.4" display transforms work and entertainment while on the move
- Thrilling multimedia - through NVIDIA® GeForce™ FX Go5200 graphics, DVD-R/RW or CD-RW/DVD-ROM combo drive and Harman Kardon sound
- Seamless connectivity -- everything on board, including Wireless LAN, USB 2.0 ports, SD™ Card slot, i.LINK® (IEEE1394) port and TV-out port

Product properties

Property	Value

Display

- size : 15.4 "
- type : Wide View TFT colour display
- internal resolution : 1,280 x 800
- dot pitch (HxV) : 0.2595 x 0.2595 mm
- typical contrast ratio : 300:1
- response rise/fall : 50 / 50 ms

Expansion

- 2 x memory slots (0 to configure)
- type : 1 x PC Card Type II

Hard disk

- capacity : 60 GB
- certification : S.M.A.R.T.
- height : 9.5 mm
- drive rotation : 4,200 rpm
- number of disks : 2
- number of heads : 4
- bytes per sector : 512
- interface : Enhanced IDE (ATA-5)
- buffer size : 2 MB
- desktop or notebook? : notebook

Keyboard

- keys : 86
- Windows keys : 2
- function keys : 9
- Euro key : yes
- integrated pointing device : Touch Pad
- Easy Keys : 5
- type of Easy Keys : Play, Stop, Forward, Rewind, Mode Select
- inlaid numeric keypad : No
- Hot Keys : 3 (Internet launch button, Toshiba Console button, TV button)
- special features : Multimedia Bar with CD/DVD/MP3 player control function

Non-operating environmental conditions

- temperature : -20°C - 65°C
- maximum thermal gradient : 20°C/hour
- relative humidity : 10-90% non-condensing
- altitude : -60 to 10,000 m
- altitude relative to sea level : -200 to 30,000 feet
- shock with CD-ROM drive installed (without CD-ROM drive installed) : 60G (60G)
- vibration with CD-ROM drive installed (without CD-ROM drive installed) : 1G (1G)

Operating environmental conditions

- temperature : 5°C - 35°C
- maximum thermal gradient : 15°C/hour
- relative humidity : 20-80% (non-condensing)
- altitude : -60 to 3,000 m
- shock with CD-ROM drive installed (without CD-ROM drive installed) : 1.5 G (7 G)
- vibration with CD-ROM drive installed (without CD-ROM drive installed) : 0.2 G (0.25 G)

System memory

- standard : 256 + 256 MB
- maximum expandability : 2,048 MB
- data bus width : 64 bit
- technology : DDR RAM
- expansion module sizes : 128, 256, 512, 1,024 MB

Interfaces

- 1 x DC-in
- 1 x external monitor
- 1 x RJ-11
- 1 x RJ-45
- 1 x parallel
- 1 x TV-out (s-video)
- 1 x i.LINK® (IEEE 1394)
- 1 x Fast Infrared Port (FIR)
- 1 x external microphone
- 1 x SD™ Card slot
- 3 x USB 2.0

Pointing device

- type : Touch Pad

Motherboard

- manufacturer : Intel®
- chipset : Intel® 855PM + 82801DBM integrated in Intel® Centrino™ Mobile Technology
- architecture : AGP x 4-bus, PCI-bus

AC adapter

- input voltage : autosensing AC adapter (100/240 V) for worldwide usage
- frequency : 50-60 Hz
- output voltage : 15 V

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- output current : 5 A
- power dissipation : 75 W
- weight : 370 g

Battery

- type : main
- technology : lithium-ion
- performance : 4400 mAh
- maximum life : up to 3.7 (Mobile Mark™) hours

Graphics adapter

- manufacturer : NVIDIA®
- type : GeForce™ FX Go5200
- memory amount : 64 MB
- memory type : DDR Video RAM
- graphics accelerator : 128 bit
- bus clock speed : 200 MHz
- 2D graphics accelerator : Yes
- 3D graphics accelerator : Yes
- open GL support : Yes
- direct 3D support : Yes
- motion compensation : Yes
- integrated TV encoder : Yes
- reduce TV out flicker : Yes
- multiple display support : Yes
- connected bus : 4 x AGP bus

BIOS

- manufacturer : Phoenix
- ACPI : 1.0b
- System Management BIOS : 2.3
- Flash ROM : CMOS Flash EPROM
- Advanced Power Management : 1.2
- DPMS Support : Yes
- VESA Support : Yes
- DDC Support : Yes
- Plug and Play Support : Yes

Physical dimensions

- W x L x H : 360 x 270 x 25 (front) / 36 (back) mm
- weight : 2.78 kg

Sound system

- manufacturer : Toshiba Bass Enhanced Sound System
- supported audio format : 16-bit stereo
- supported sound standards : MIDI support
- speakers : built-in stereo speakers - tuned by Harman Kardon
- microphone : external
- type : STAC 975051 IT
- maximum sampling rate : 48 kHz
- full duplex support : Yes
- direct sound : Yes
- direct 3D sound : Yes
- volume dial : Yes

External video modes

The following video modes are supported:

- resolution:640 x 480 , maximum number of colours:16.7 million, maximum refresh rate (non interlaced) : 100 Hz
- resolution:800 x 600 , maximum number of colours:16.7 million, maximum refresh rate (non interlaced) : 100 Hz
- resolution:1,024 x 768 , maximum number of colours:16.7 million, maximum refresh rate (non interlaced) : 100 Hz
- resolution:1,280 x 1,024 , maximum number of colours:16.7 million, maximum refresh rate (non interlaced) : 100 Hz
- resolution:1,600 x 1,200 , maximum number of colours:16.7 million, maximum refresh rate (non interlaced) : 100 Hz
- resolution:1,920 x 1,440 , maximum number of colours:16.7 million, maximum refresh rate (non interlaced) : 75 Hz
- resolution:2,048 x 1,536 , maximum number of colours:16.7 million, maximum refresh rate (non interlaced) : 75 Hz
- resolution:1,280 x 800 , maximum number of colours:16.7 million, maximum refresh rate (non interlaced) : 100 Hz

Internal video modes

- resolution : 1,280 x 800
- maximum number of colours : 16.7 million

Operating system

- Windows® XP Professional

Wired communication

- manufacturer : Intel®
- type : 82562ET
- topology : Ethernet
- speed : 10/100 Base-TX Ethernet
- features : Wake-On-LAN, remote boot
- connector : RJ-45
- manufacturer : Agere
- type : Scpio AC 97 soft modem
- topology : international V.92 modem
- speed : 56 Kbps data (V.92) and 14.4 Kbps fax (V.17)
- features : ring wake-up resume
- connector : RJ-11

Wireless communication

- Compliancy : FIR
- Network Support : 4 Mbps
- Wireless Technology : Fast InfraRed
- Version : IrDA 1.1
- Compliancy : Wi-Fi™
- Network Support : 802.11b/g
- Manufacturer : Intel® PRO/Wireless 2200 LAN Mini PCI adaptor integrated in Intel® Centrino™ mobile technology
- Wireless Technology : Wireless LAN

Max. external video modes

- max. resolution : 2,048 x 1,536
- max. colours : 16.7 Million
- max. refresh rate : 100 Hz
- non-interlaced resolution with max. refresh rate : 1,600 x 1,200

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Technology	<ul style="list-style-type: none">▪ type : Intel® Centrino™ mobile technology including Intel® Pentium® M processor, Intel® PRO/Wireless 2200 network connection and Intel® 855PM chipset▪ clock speed : 1.70 GHz▪ front side bus : 400 MHz▪ 2nd level cache : 1 MB
DVD Super Multi drive	<ul style="list-style-type: none">▪ buffer size : 2 MB▪ compatibility : CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R, DVD-RW, DVD+R, DVD+RW, DVD-RAM▪ interface : ATAPI▪ maximum speed : Read: 24x CD-ROM, 24x CD-R, 12x CD-RW, 8x DVD-ROM, 4x DVD-R, 4x DVD-RW, 4x DVD+R, 4x DVD+RW, 2x DVD-RAM / Write: 16x CD-R, 4x CD-RW, 8x HS CD-RW, 4x DVD-R, 2x DVD-RW, 2.4x DVD+R, 2.4x DVD+RW, 2x DVD-RAM▪ type : DVD Super Multi drive▪ weight : 210 g
Bundled hardware	<ul style="list-style-type: none">▪ AC adapter▪ AC Power Cable
Bundled software	<ul style="list-style-type: none">▪ Toshiba utilities and drivers▪ on-line user's and modem manual▪ Toshiba Console▪ WinDVD▪ Drag'n Drop CD▪ ConfigFree™▪ Microsoft® Office OneNote™ 2003
Casework	<ul style="list-style-type: none">▪ magnesium▪ polycarbonate ABS
Certification	<ul style="list-style-type: none">▪ CE Mark▪ Energy star▪ The manufacturer declares that this product complies with the following directives and regulations for the CE-marking. Responsible for CE marking is Toshiba Europe GmbH, Hammfelddam 8, 41460 Neuss, Germany.▪ TÜV / GS Mark▪ FCC part 15 class B▪ UL1950▪ CSA950▪ Industry Canada▪ FCC Part68▪ UL/cUL▪ R&TTE

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Security features

- main hard disk (by screw)
- keyboard lock
- main memory (by screw)
- BIOS password
- slot for Kensington Cable Lock
- wireless LAN switch
- system password security

Special features

- SM BIOS compliant

Warranty

- 2-year international warranty