data²

SCENIC® E Green PC
Stress free-working with clear conscious

The SCENIC E Series goes far beyond legal requirements when it comes to environmental friendliness. Your system is built with specially selected material to minimize impact on the environment.
Play your part in protecting nature. When you upgrade, return your old system to us and we will recycle it - for your and our clear conscious.

Working with the all-new small desktop SCENIC E Series is stress-free. It is small, ergonomic, silent and reliable. It is easy to administer and secure.

In short, this highly reliable premium PC is particularly tailor-made to your business demands.

Tailor-made
- Fully configurable: processor, memory, drives, boards
- Your individual choice of hardware, software and design

Reliability
- Virtual multi-processing with Hyper-Threading technology
- Best-in-class manufacturing winning the Industrial Intelligence Award 2003 and the Ken Sharma Award 2002
- High quality and function stability made in Germany through own development and manufacturing
- Short reaction and transportation time
- Stable system with smooth combination of mainboard and cabinet
- Your choice of supply concept for in-time and tailored delivery: value4you, made4you
- Warranty, service and spare part supply according to your needs

Manageability
- Easy and remote administration with DeskView client management
- ManageIT: software suite with best integration into your IT environment

Security
- Easy and secure access and data protection for your business intelligence
- SecureIT: software suite with best integration into your IT environment
- Trusted platform module (TPM) provides more secure applications and makes transaction trust worthy (for projects only)

Ergonomics
- Product and manufacturing concept to minimize the impact on the environment
- Reduce downtime with service-friendly cabinet and easy component access
- Stress-free working and silent operation due to low sound level
- Flexible use of external bay fitting your requirements as optical or hard disk drive
- Enhance productivity with EasyChange and EasyFix: tool less access to hard disk drive, optical drive, cards
- Enhanced flexibility with FlexySlots: Low profile and standard PCI cards useable in flexible extension slots
- Excellent resolution and video quality with on board graphics
- Convenient front access to USB and audio
- Internal speaker to play audio files
- Blue Angel certification due to low energy consumption and recyclability
- Flexible usage as tower or desktop to your convenience

Data Sheet

FUJITSU COMPUTERS
SIEMENS

Environmental friendly product concept, design, material and manufacturing

Development
- Construction guidelines for products in respect to environmental sustainability

Production
- Latest generation of solder technology (low level of environmental relevant substances like lead)
- Soldering in N_2 atmosphere
- Water based flux
- Reduction of dangerous waste production to a minimum during
- Significant reduction of lead
- Reduced water consumption:
  - No washing of board after soldering
  - Washing of production equipment in a closed loop
- Production certified to ISO14001 – the international standard for environmental management systems

Material
- Lead free printed circuit board (PCB)
- Lead free soldering process for mainboard
- Reduction of lead content per mainboard from 12 g to less than 3 g for components and chipsets
- Reduction of halogens for PCB (reduction of chlorides and bromine content from 12 % to under 0.15 % corresponding to global standard JPCA-ES-OA-1999)
- Halogen free cabinet plastic parts
- Halogen free plastic form parts

Ergonomics
- Low sound level fulfilling Blue Angel requirements
- Silent system due to fan regulation with thermal management
- Silent systems with fan speed control (patented)
- Energy saving through switched monitor outlet: automatic shut down of monitor when PC is shut down
- Power saving with ACPI and IA-PC (Instantly available PC)

Transportation
- Bulk delivery, reusable transport packaging and recycling of packaging avoids waste
- Bulk packaging of PC for Large Accounts (no single packaging per system)
- Retraction of transport packaging

Recycling
- Returned old systems are recycled properly: For detailed information about recycling please have a look at: http://www.fujitsu-siemens.com/recycling

Product Line

Premium Line - SCENIC E600
The Premium Line is the right choice for customers looking for very best performance, reliability, continuity, and future-proof investment.
Manageability functions
- Desktop Management local and remote support with DeskView   - System Monitoring   - Premium thermal management (temperature-regulated)   - Intrusion detection switch   - Power supply with switched monitor outlet: automatic shut down of monitor when PC is shut down
Mechanical access protection
- Prepared for Kensington lock for access and theft protection   - Eye for padlock for access and theft protection   - Seal option   - Integrated cabinet lock in front panel
BIOS based access protection
- Passwords for system, setup and hard disk drive   - Enable / disable interfaces incl. USB   - Boot and write protection for floppy disk and CD drive   - Virus protection in BIOS   - Write protection for Flash EPROM   - Intrusion detection switch   - SystemLock incl. hard disk password support
Hardware access protection
- New: Trusted platform module 1.1 (Infineon) ready, for projects only   - External SmartCard reader / writer as option   - Internal SmartCard reader / writer as option (incl. PowerOn with SmartCard)
Software access protection
Alert on LAN with heartbeat
Virus protection
F-Secure virus scanner with 1-year upgrade for signature files

Software Suites

ManageIT Suite	SecureIT Suite[1]
NetInstall® - Software installation - Software distribution - Software maintenance - Increase efficiency of Software deployment	**SICRYPT SMARTY** - Windows access protection with SmartCard - Prevention of unauthorized access to PC / network **SmartCase™** - File encryption for data protection - Secure password container - Comfortable and secure password protection - Simple and secure password storage **E-Mail Encryption with SmartCard[2]** - Secure and easy to use encrypted e-mail **SmartCard** - Standardized technology for use in several applications **SystemLock** - Pre-boot access protection with SmartCard - Prevention of unauthorized booting of PC

1) SmartCard reader / writer mandatory
2) uses native support from Microsoft Windows Operating Systems

System	SCENIC E600
Product Line	Premium Line

Operating Systems / Software

Microsoft Windows XP Professional	preinstalled
Microsoft Windows XP Home	preinstalled
Microsoft Office XP SBE	for special languages
Microsoft Office XP Professional	for special languages
Drivers and Utility CD (DUCD)	included
ManageIT Suite / SecureIT Suite	optional
Desktop Management DeskView	on DUCD
F-Secure virus scanner	on DUCD

Fujitsu Siemens Computers recommends Microsoft® Windows® XP Professional for business.

Customized mainboard D1534 with

Microprocessor (GHz)	Intel Celeron up to 2.6
	Intel Pentium 4 up to 3.0[1]
Front Side Bus (MHz)	400, 533 or 800
Second-level cache (KB)	128 or 512
Processor Socket	mPGA478
Chipset	Intel 865G
System memory (MB)	up to 1024[2] (DDR400)
	up to 2048[3] / 512[4] (DDR333)
DIMM slots	2
Flash EPROM	BIOS update by software
System management	ASIC on board

Interfaces

2 x serial (9-pin, 16-byte FIFO, 16550-compatible)
1 x parallel (25-pin, with EPP and ECP)
1 x keyboard (PS/2), 1 x mouse (PS/2)
1 x monitor (15-pin, VGA)
1 x micro (mono) in front, 1 x headphone in front
1 x headphone out (stereo, 1 W) rear
1 x line in (stereo) rear
1 x LAN RJ-45
8 x Universal Serial Bus (USB 2.0)
 4 of these rear, 2 of these internal, 2 of these in front

I/O controller	Fast IDE / Ultra DMA-100 busmaster capability for 2 x 2 drives Serial ATA for 1 drive
LAN on board	Intel 82547EI (10/100/1000 MB/s), Wake-on-LAN, ASF 2.0 with PXE BootP bootcode[5] opt.
Audio on board	AC'97 AD1980
Graphics processor	on board with shared memory up to 64 MB depending on chipset and driver or plugged in AGP slot as option

Graphics subsystem low profile

- Matrox Millennium G450 DVI with 32 MB DDR Dual Head; AGP 4-speed; 300 MHz RAMDAC
- nVIDIA GeForce4 MX with 64 MB DDR (DVI or Dual Head-DVI; AGP 8-speed)
- DVI extension adapter

Recommended refresh rates (Hz)
color depth up to 32 Bit /pixel

Resolution	865G	G450	GeForce4
800 x 600	120	120	120
1024 x 768	120	120	120
1152 x 864	100	120	120
1280 x1024	100	110	100
1600x1200	75	95	85

Floppy disk drive	3.5-inch, 1.44 MB, optional
Hard disk drive	optional
Formatted capacity	Ultra DMA-100, 20 GB (5400 rpm) 40 / 80 GB (7200 rpm, silent) Serial ATA 80 GB (7200 rpm)

DVD / CD drive	optional
48-speed ATAPI CD-ROM	
16/48-speed ATAPI DVD-ROM	
48/24/48/16-speed ATAPI CD-RW / DVD-ROM	
2.4/4/10/16/12/40-speed ATAPI DVD+R / +RW	

Slots	2 x PCI (1 with FlexySlot, 174 mm) 1 x AGP 8x low profile

Drive bays	3
external	1 x 3.5-inch, 1 x 5.25-inch
internal	1 x 3.5-inch
or	2 x 3.5-inch internal and 1 x 3.5-inch external

Electrical values

Rated voltage	100 - 127 / 200 - 240 V
Rated frequency	50 - 60 Hz
Max. continous output of power supply	170 W
Max. peak (10 s) output of power supply	180 W

Power consumption for standard configurations

Peak (running application, CD in use)	113 W
Average (running OS, Idle mode)	71 W
Minimum (ACPI status S5, soft-off)	2.4 W

Temperature / noise / dimensions / weight

Ambient temperature 15°C - 35°C (IEC 721)
A weighted sound power level L_{WAd} / Workplace related A-weighted sound pressure level L_{pAm} (bystander positions) (ISO9296)
Desktop position:

L_{WAd} in B / L_{pAm} in dB (Stand by)	3.8 / 23
L_{WAd} in B / L_{pAm} in dB (Idle mode)	3.8 / 23
L_{WAd} in B / L_{pAm} in dB (Operation, HDD)	5.0 / 35
Dimensions (H x W x D)	95 x 350 x 383 mm
Weight	9.5 kg (dep.on config.)

Product safety / EMC / Environment approvals:

CE certification	according to EU Directives 89/336/EEC (EMC) and 73/23/EEC (Product safety)
Ergonomics	ISO9241 (GS mark)

Compliance with standards

Product safety	IEC60950, EN60950, UL 60950, CSA22.2, No.60950
Electromagn. compatibility	EN55022/B, EN55024 EN61000-3-2/3, FCC class B
Environmental compatibility	Energy Star

Compatibility (references)
Microsoft operating systems (HCT / HCL entry)
DMI 2.0, WMI 1.5, USB 2.0
Microsoft Windows NT 4.0 Workstation, Windows Me and Windows 98SE are no longer available, but drivers are on DUCD and downloadable http://www.fujitsu-siemens.com

1) with or without Hyper-Threading technology
2) dual channel, delivery in pairs, 2 GB with future memory modules
3) single channel
4) dual channel, delivery in pairs
5) flashable from DUCD