data²

SCENIC E300
SCENIC E600
Green PC - Small desktop

Working with the small desktop SCENIC E Series is convenient. It is ergonomic, silent and reliable. It is easy to administer and secure.

The SCENIC E Series are highly reliable Premium and Business PCs, tailor-made to your business demands.

The SCENIC E Series is built with specially selected material to minimize impact on the environment.
Production and selection of material is optimized to the aspect of environmental sustainability.
Development, production, transportation and recycling are aligned to strong internal environmental directives.

Tailor-made

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

Reliability

- Virtual multi-processing with Intel Hyper-Threading™ technology
- Best-in-class manufacturing winning the Industrial Intelligence Award 2003 and the Ken Sharma Award 2002
- Stable system with smooth combination of mainboard and cabinet
- High quality and function stability made in Germany through own development and manufacturing
- Short reaction and transportation time
- 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 local and remote administration with DeskView client management
- ManageIT: software suites with best integration into your IT environment optionally available

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 environment
- Stress-free working and silent operation due to low sound level
- Excellent resolution and video quality with on board graphics
- Blue Angel certification due to low energy consumption and recyclability
- Flexible usage as tower or desktop to your convenience (optional)
- Reduce downtime with service-friendly cabinet and easy component access
- 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
- Convenient front access to USB and audio
- Internal speaker to play audio files

FUJITSU COMPUTERS
SIEMENS

Environmental sustainable development including product concept, design, material and manufacturing

Development
▪ Construction guidelines for products in respect to environmental sustainability
Production

▪ Special solder technology
   ▪ Soldering in N_2 atmosphere
   ▪ Water based flux
▪ Reduced water consumption:
   o No washing of mainboard after soldering
   o 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

Business Line - SCENIC E300	Premium Line - SCENIC E600
The Business Line is aimed to SME customers looking for current performance, reliability, continuity, and future-proof investment.	The Premium Line is the right choice for LE customers looking for very best performance, reliability, continuity, and future-proof investment.
Manageability functions ▪ Desktop Management local support with DeskView ▪ Disaster recovery with Recover Pro as option ▪ Thermal management (temperature-regulated) ▪ Power supply with switched monitor outlet: automatic shut down of monitor when PC is shut down	**Manageability functions** ▪ Desktop Management local and remote support with DeskView ▪ System Monitoring ▪ Disaster recovery with Recover Pro as option ▪ Premium thermal management (temperature-regulated) ▪ Intrusion detection switch remote monitoring ▪ 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	**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 and setup ▪ Enable / disable interfaces incl. USB ▪ Boot and write protection for floppy disk and CD drive ▪ Virus protection in BIOS ▪ Write protection for Flash EPROM	**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 ▪ External SmartCard reader / writer as option	**Hardware access protection** ▪ 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	**Software access protection** ▪ Alert on LAN with heartbeat
Virus protection ▪ F-Secure virus scanner with 1-year upgrade for signature files	**Virus protection** ▪ F-Secure virus scanner with 1-year upgrade for signature files

Software Suites for SCENIC E Series

ManageIT Suites	SecureIT Suite[1]
Manage IT Suites Migration ▪ Increase efficiency of software and operating system deployment, manage software patches and migrate user settings with Altiris software solutions **Manage ITSuite Controlling** ▪ Enhance your multivendor hard- and software inventory, manage the use of application software licenses effectively and support your end user remotely with software solutions from Altiris	**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 (for Premium line only)** ▪ 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

SCENIC Professional PC	Business Line E300	Premium Line E600
Microsoft Windows XP Professional	preinstalled	preinstalled
Chipset	Intel 865GV	Intel 865G
Micro-ATX Mainboard	D1531	D1534
Microprocessor		
Intel Celeron Processor	Up to 2.8 GHz	Up to 2.8 GHz
Front Side Bus (MHz)	400	400
Intel Pentium 4 Processor	Up to 3.2 GHz	Up to 3.2 GHz
Intel Pentium 4 Processor with Hyper-Threading technology	Up to 3.4 GHz	Up to 3.4 GHz
Front Side Bus (MHz)	533 or 800	533 or 800
Second-level cache integrated (KB) on die	128 or 512	128 or 512
Processor socket	mPGA478	mPGA478
System memory		
Max. DDR SDRAM (MB), DDR400[1]	Up to 1024	Up to 1024
Max. DDR SDRAM (MB), DDR333[1]	Up to 2048	Up to 2048
DIMM slots	2	2
Flash-EPROM BIOS update by software	x	x
System management ASIC on board	-	x
I/O controller		
Fast IDE / Ultra DMA-100 busmaster capability for 2 x 2 drives	x	x
Serial ATA	-	x
Serial ATA Interfaces	-	2
USB 2.0		
In total	6	8
rear	4	4
internal	-	2
front	2	2
LAN on board, Fast Ethernet, Wake-on-LAN		
Intel 82562 EZ (10/100 Mbit/s)	x	-
Intel 82547EI (10/100/1000 Mbit/s, ASF 2.0)	-	x
PXE bootcode	x	x
BootP bootcode[2]	-	x
Creatix WLAN CTX405 802.11b/g	optional	optional
Graphics subsystem		
Matrox Millenium G450 DVI with 32 MB DDR, Dual head; AGP 4x; 300 MHz RAMDAC	-	optional
nVIDIA Geforce FX 5200 DVI with 64 MB with 32 MB DDR, Dual head; AGP 8-speed	-	optional
DVI extension adapter	-	optional
Hard disk drive		
Ultra DMA-100 40 / 80 GB (7200 rpm, silent)[3]	optional	optional
Serial ATA 40 / 80 / 160 GB[3]	-	optional
Slots with EasyFix (174 mm)		
PCI (of these FlexySlots)	2 (1)	2 (1)
AGP 8x (of these FlexySlots) low profile	-	1 (0)
Electrical values		
Max. output of power supply	180 W	180 W

1) for dual channel, 2 memory modules of the same capacity are needed
2) flashable from DUCD
3) 1 Gbyte equals one billion bytes, when referring to hard disk drive capacity; accessible capacity may vary, also depending on used software and tools

Memory module configuration Intel 865G and 865GV chipset (Example)					
Channel 1		Channel 2		Dual Channel	Total Capacity
256 MB		256 MB		X	512 MB
256 MB	256 MB			--	512 MB
256 MB	256 MB	256 MB	256 MB	X	1024 MB

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

SCENIC Professional PC	Business Line E300	Premium Line E600
Chipset	Intel 865GV	Intel 865G
Noise		
A weighted sound power level L$_{WAd}$ /		
Workplace related A-weighted sound pressure level LpAm (bystander positions) (ISO9296)		
L$_{WAd}$ in B / L$_{pAm}$ in dB (Stand by)	3.8 / 23	3.8 / 23
L$_{WAd}$ in B / L$_{pAm}$ in dB (Idle mode)	3.8 / 23	3.8 / 23
L$_{WAd}$ in B / L$_{pAm}$ in dB (Operation, HDD)	5.0 / 35	5.0 / 35
Power consumption for standard configuration (W)		
Peak (running application, CD in use)	≈ 113 W	≈ 113 W
Average (running OS, Idle mode)	≈ 71 W	≈ 71 W
Minimum (ACPI status S5, soft-off)	≈ 2.4 W	≈ 2.4 W
Driver support available		
Microsoft Windows 2000 / Windows XP	On DUCD / Internet*	On DUCD / Internet*
Windows NT 4.0	On DUCD / Internet*	On DUCD / Internet*
Windows 98	-	Internet

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

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

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

Resolution	865G/GV	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	optional, 3.5-inch, 1.44 MB
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
4/8/16/32/12/ 40-speed ATAPI DVD+R / +RW

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

* http://www.fujitsu-siemens.com/support

Electrical values

Rated voltage	100 - 127 / 200 - 240 V
Rated frequency	50 - 60 Hz

Temperature / noise / dimensions / weight

Ambient temperature	15°C - 35°C (IEC 721)
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

Operating Systems / Software

Microsoft Windows XP Professional	preinstalled
Microsoft Windows XP Home	preinstalled
Microsoft Office 2003 Basic	for special languages
Microsoft Office 2003 SBE	for special languages
Drivers and Utility CD (DUCD)	included
Desktop Management DeskView	on DUCD
F-Secure virus scanner	on DUCD
ManageIT Suites	optional
SecureIT Suite	optional

Company stamp