

SCENIC® S 2 Small deskbox



SCENIC S 2 – the new space-saving, quiet, powerful and compact deskbox fully configured for use as a small PC. Easy to handle, easy to manage, easy to work with.

The SCENIC S 2 fits perfectly in networks to reduce the Total Cost of Ownership with extended manageability tools to secure valuable data in the business environment.

- Small deskbox with low profile technology
- Latest technology with up to date Intel® Pentium® 4, Intel Pentium III or Intel Celeron™ processors
- High quality system with in-house developed and manufactured mainboard
- Fully configurable system in respect to processor, main memory, hard disk, accessible drives and add-on boards
- F-Secure virus scanner with 1-year upgrade for signature files
- Sound level according to Blue Angel
- Low Profile PCI and AGP cards
- Desktop Management DeskView including intelligent local and remote hardware monitoring depending on chosen package
- Intelligent system upgrade of BIOS and drivers with DeskFlash and DeskUpdate
- ACPI ready

Built-in upscaling packages:

Two packages are already built-in:

- Pro: Basic system monitoring and security features
- Pro Manageability: Pro Package + complete system monitoring functions to lower overall IT-costs

Add-on package:

Optional additional package:

- Pro Manageability and Security: Pro Manageability Package + extended security functions for a secure business environment
- Customer-specific configuration:

- The ideal offer for longterm projects
- BIOS and firmware freeze
- Customized software load and front bezel

Serviceability:

- Service-friendly cabinet
- 5-year spare part supply
- Country-specific warranty

Available mainboards

Intel chipset	815E	845D	845G
Mainboards	D1215	D1332	D1382
Processor			
Intel Celeron processor up to (GHz)	1.2	1.7	1.7
Front Side Bus (MHz)	100	400	400
Intel Pentium III processor up to (GHz)	1	-	-
Front Side Bus (MHz)	133	-	-
Intel Pentium 4 processor up to (GHz)	-	2.2	2.4
Front Side Bus (MHz)	-	400	400 or 533
Processor socket	FCPGA370	mPGA478	mPGA478
Second-level cache integrated (KB) on die	128 or 256	128 or 256 or 512	128 or 256 or 512
System memory			
Max. SDRAM (MB)	512	-	-
Max. DDR-SDRAM (GB)	-	1.0*	1.0*
DIMM slots	2	2**	2
Flash EPROM BIOS update by Software	x	x	x
Interfaces (see also page 3)			
Serial (9-pin, 16-byte FIFO, 16550-compatible)	1	1	1
2nd serial interface	optional	x	optional
Monitor (15-pin, VGA)	1	-	1
Universal Serial Bus (USB) rear	2 x 1.1	2 x 1.1	2 x 2.0
Universal Serial Bus (USB) internal	2 x 1.1	2 x 1.1	4 x 2.0
of these in front	2 x optional	2 x optional	2 x optional
Audio on board AC'97	AD1885	AD1885	AD1981A
Graphics			
Integrated in chipset	x	-	x
Plugged in AGP slot	x	x	x
Noise			
Typical A-weighted sound pressure level (ISO9296) for standard configuration over the measuring surface			
LpAm in dB (Standby)	≤ 23	≤ 23	≤ 23
LpAm in dB (Idle mode)	≤ 24	≤ 25	≤ 25
LpAm in dB (Operation)	≤ 29	≤ 29	≤ 29

* 2 GB with future memory modules

** ECC support possible with appropriate memory modules

Packages

Pro	included
Pro Manageability	included
Pro Manageability and Security	optional

Interfaces (see also page 2)

1 x parallel (25-pin, with EPP and ECP)
1 x keyboard (PS/2), 1 x mouse (PS/2)
1 x micro (mono)
1 x line in (stereo)
1 x line out (stereo, 1 W)
1 x micro, front, optional
1 x headphone (stereo) in front optional
1 x LAN RJ-45

I/O controller	Fast IDE / Ultra DMA-100 busmaster capability for 2 x 2 drives
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LAN on board	Intel 82562EM 10/100 Mbit/s Fast Ethernet with remote boot support for PXE 2.0 and BootP/DHCPin BIOS, Wake-on-LAN and Alert-on-LAN 2 basic
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Graphics processor

on board for i815E and 845G based systems with up to 64 MB shared memory depending on chipset and driver for i815E, i845D and 845G based systems plugged in AGP slot

Graphics controller (low profile):**ATI Radeon FSC with 32 MB SDRAM**

300 MHz RAMDAC

Matrox Millennium G450 DH/DVI with 32 MB DDR-SDRAM

Dual Head; AGP 4-speed; 300 MHz RAMDAC

GM1000 nVIDIA TNT2 M64 with 16 MB video memory

AGP 4-speed; 300 MHz RAMDAC

DVI extension adapter**Recommended refresh rates (Hz)**

(color depth up to 32 Bit /pixel)

Resolution	815E	845G	Radeon	G450	GM1000
800x 600	100	120	120	120	120
1024x 768	100	120	120	120	120
1152x 864	85	100	120	120	100
1280x1024	85	100	100	110	85
1600x1200	75	75	85	95	75

Floppy disk drive	optional 3.5-inch, 1.44 MB slimline
Hard disk drive	Ultra DMA-100
Formatted capacity	20 / 40 GB (5400 rpm) 20 / 40 / 80 GB (7200 rpm, silent)
DVD / CD drive optional	24-speed ATAPI CD slimline 8/24-speed ATAPI DVD slimline 8/8/24/8-speed ATAPI DVD / CD-RW slimline
Drive bays	3
external	1 x 3.5-inch slimline 1 x 5.25-inch slimline
internal	1 x 3.5-inch
Slots	2, low profile, (max. 200 mm) 1 AGP 4x, 1 x PCI

Electrical values

Rated voltage	100 - 127 / 200 - 240 V
Rated frequency	50 - 60 Hz
Max. continuous power output of power supply:	130 W
Max. peak (10s) power output of power supply:	150 W
Power consumption for standard configuration:	
≤ 120 W Peak (running application, CD in use)	
≤ 50 W Average (running OS, Idle mode)	
≤ 3 W Minimum (ACPI status S5, soft-off)	

Temperature / dimensions / weight

Ambient temperature	15°C - 35°C (IEC 721)
Dimensions (H x W x D)	93 x 324 x 405 mm
Weight	approx. 9 kg (dep. on config.)

Compliance with standards

Product safety	IEC60950, EN60950 UL1950, CSA22.2 No.950 ISO9241 (GS mark)
Ergonomics	EN55022/B, EN55024 EN 61000-3-2/3 FCC class B
CE certification	Acc. to EU Directives
EMC	89/336/EEC and 73/23/EEC
Product safety	73/23/EEC
Environmental compatibility	EPA-compliant

Security functions

Security functions implemented in the cabinet:

- Eye for an optional pad lock
- Mechanical cabinet lock (key)
- Intrusion detection switch
- Access protection via SmartCard reader (optional)
- Kensington Lock device and seal option

Security functions implemented in the BIOS setup:

- Serial, parallel and USB interfaces and drives can be disabled
- Password protection for system, setup and hard disk drive
- Virus protection for boot sector of system hard disk drive
- BIOS based access protection with SmartCard (optional)

Operating Systems / Software

Windows XP Professional and Windows 2000 Professional Dual-Install (once-for-all selection)	preinstalled
Windows XP Home	preinstalled
MS Office XP Small Business Edition	bundled with OS
MS Office XP Professional	bundled with OS
Desktop Management DeskView	on DUCD
F-Secure virus scanner	on DUCD

**Fujitsu Siemens Computers recommends
Windows® XP Professional for business.****Compatibility (references)**

Microsoft Operating Systems (HCT / HCL entry)
PC 2001
DMI 2.0, WMI 1.5
Microsoft Windows NT 4.0 Workstation, Windows Me and
Windows 98SE are no longer available, but drivers are on
DUCD and downloadable from
<http://www.fujitsu-siemens.com>

Packages

Pro Manageability and Pro Security	D1215	D1332	D1382
Pro Manageability	D1215	D1332	D1382
Pro	Included	Included	Included
Standard	Included	Included	Included
Chipset	Intel 815E	Intel 845D	Intel 845G

Pro

- Lock for cabinet cover
Master key possible via made4you
- Intrusion detection switch
Monitoring via BIOS
- DeskView full software functionality
(License key)

Pro Manageability

- Pro Package included
- System Monitoring (ASIC for temperature, cover sensor, fan monitoring, battery voltage, etc.)
- Switched power outlet for monitor
(Power Management)
- Thermal Management provides silent system
- System speaker with audio functionality
- Alert on LAN only for LAN on board for: cover opening, heartbeat, processor missing, watchdog
- Heartbeat: Alert, if system is disconnected from LAN
- Prepared for On / Off via keyboard
- Wake on USB (dependent on mainboard technology)

Pro Manageability and Pro Security

- Features of Pro Manageability Package
- Built in USB SmartCard reader / writer for Windows 98 / Me / 2000 / XP
- Power on with SmartCard
- PreBoot access protection with SICRYPT CryptoCard (System Lock)
- Access protection with SICRYPT Smarty 2 and CryptoCard for Windows 2000 Professional and Windows XP
- Replacement of BIOS (System/Setup), hard disk, log on and screensaver password possible with SmartCard

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