Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

# ESPRIMO™ E Series
# Your desktop without compromises

**Issue** November 2007

**Pages** 7

**Economy**

**Sophisticated technologies for best in class economy.**

**Reduce cost of your professional PC by lowest energy consumption! The switched monitor outlet powers the display through the system. Switching off the systems means disconnecting the display, this saves up to ~ 20 % of the display power consumption annually. Additionally, software and BIOS power management solutions reduce the overall average power consumption.**

**Further Total Cost of Ownership reductions are achieved through a comprehensive set of manageability features, sophisticated security solutions and a service friendly cabinet design.**

**For highest economy, ESPRIMO professional PCs are designed to increase your productivity and to decrease your cost.**

**Reliability**

- Complete system development and manufacturing by Fujitsu Siemens Computers guarantees highest quality
- Platform stability and product continuity with managed lifecycle up to 18 month and chipset diversity

**Environment**

- Build with specially selected materials, the ESPRIMO Green PC brings economy and ecology in harmony
- From development to production, from transport to recycling –minimize the impact on the environment and limit the use of unrecoverable resources.
- Certified with the new Energy Star® 4.0 (optional)

**Ergonomics**

- Sophisticated hardware design with optimized fans and air flow provides most silent system for an efficient working environment
- Best usability and complete quality – service friendly cabinet and easy access to all components

**Customizing**

- Tailor-made products to meet customer individual requirements
- Freedom of choice with systems which perfectly fit to specific customer

**Manageability**

- Reduce Total Cost of Ownership with a comprehensive set of system management features
- Easy and remote administration with DeskView client management

**Security**

- Access and data protection with sophisticated hardware and software components for secure systems
- Protect property – secure hardware and data and limit access with SmartCard Reader






| | E5915 | E5916 | E5615, EPA | E5615 | E5616 | E5720 | E5720, EPA | E5925 vPro | E5925 vPro, EPA |
|---|---|---|---|---|---|---|---|---|---|
| **Mainboard** | | | | | | | | | |
| Chipset | iQ965 | iQ965 iAMT | NVIDIA C51PV | NVIDIA C51PV | NVIDIA C51PV | iQ33 | iQ33 | iQ35 vPRO | iQ35 vPRO |
| Mainboard Number | D2344 | D2348 | D2464-A | D2464-A | D2464-B TPM | D2594 | D2594 | D2598 | D2598 |
| Mainboard form factor | proprietary | proprietary | proprietary | proprietary | proprietary | proprietary | proprietary | proprietary | proprietary |
| Processor socket | LGA 775 | LGA 775 | Socket AM2 | Socket AM2 | Socket AM2 | LGA 775 | LGA 775 | LGA 775 | LGA 775 |
| Front side bus resp. system bus support | 533/800/ 1066 MHz | 533/800/ 1066 MHz | 2000 MHz | 2000 MHz | 2000 MHz | 800/1066/ 1333 MHz | 800/1066/ 1333 MHz | 800/1066/ 1333 MHz | 800/1066/ 1333 MHz |
| BIOS version | Phoenix Vers. 6.0 | Phoenix Vers. 6.0 | Phoenix Vers. 6.0 | Phoenix Vers. 6.0 | Phoenix Vers. 6.0 | Phoenix Vers. 6.0 | Phoenix Vers. 6.0 | Phoenix Vers. 6.0 | Phoenix Vers. 6.0 |
| Flash EPROM BIOS update by software | x | x | x | x | x | x | x | x | x |
| Recovery BIOS | x | x | x | x | x | x | x | x | x |
| **Processor** | | | | | | | | | |
| Intel® Core™2 Duo E6xxx | up to E6700 | up to E6700 | - | - | - | up to E6850 | up to E6850 | up to E6850 | up to E6850 |
| Second level cache | 2MB/4MB | 2MB/4MB | - | - | - | 4MB | 4MB | 4MB | 4MB |
| Front side bus (FSB) | 1066MHz | 1066MHz | - | - | - | 1333MHz | 1333MHz | 1333MHz | 1333MHz |
| Intel® Core™2 Duo E4xxx | up to E4600 | up to E4600 | - | - | - | up to E4600 | up to E4600 | up to E4600 | up to E4600 |
| Second level cache | 2MB | 2MB | - | - | - | 2MB | 2MB | 2MB | 2MB |
| Front side bus (FSB) | 800MHz | 800MHz | - | - | - | 800MHz | 800MHz | 800MHz | 800MHz |
| Intel® Pentium™ Dual core E2xxx | up to E2160 | up to E2160 | - | - | - | up to E2160 | up to E2160 | up to E2160 | up to E2160 |
| Second level cache | 1MB | 1MB | - | - | - | 1MB | 1MB | 1MB | 1MB |
| Front side bus (FSB) | 800MHz | 800MHz | - | - | - | 800MHz | 800MHz | 800MHz | 800MHz |
| Intel® Celeron | up to 440 | up to 440 | - | - | - | up to 440 | up to 440 | up to 440 | up to 440 |
| Second level cache | 512 KB | 512 KB | - | - | - | 512 KB | 512 KB | 512 KB | 512 KB |
| Front side bus (FSB) | 800 MHz | 800 MHz | - | - | - | 800 MHz | 800 MHz | 800 MHz | 800 MHz |
| AMD Athlon™ 64 X2 (socket) | - | - | up to 5200+ (AM2) | up to 5200+ (AM2) | up to 5200+ (AM2) | - | - | - | - |
| Second level cache | - | - | 2 x 512 KB | 2 x 512 KB | 2 x 512 KB | - | - | - | - |
| System Bus support | - | - | 2000 MHz | 2000 MHz | 2000 MHz | - | - | - | - |
| AMD Athlon™ 64 (socket) | - | - | 3800+ (AM2) | 3800+ (AM2) | up to 3800+ (AM2) | - | - | - | - |
| Second level cache | - | - | 512 KB | 512 KB | 512 KB | - | - | - | - |
| System Bus support | - | - | 2000 MHz | 2000 MHz | 2000 MHz | - | - | - | - |
| AMD Sempron™ (socket) | - | - | 3600+ (AM2) | 3600+ (AM2) | 3600+ (AM2) | - | - | - | - |
| Second level cache | - | - | 256 KB | 256 KB | 256 KB | - | - | - | - |
| System Bus support | - | - | 1600MHz | 1600MHz | 1600MHz | - | - | - | - |
| AMD Athlon™ X2 (socket) Energy efficient | - | - | BE-2350 (AM2) | BE-2350 (AM2) | BE-2350 (AM2) | - | - | - | - |
| Second level cache | - | - | 2x 512 KB | 2x 512 KB | 2x 512 KB | - | - | - | - |
| System Bus support | - | - | 2000Mhz | 2000Mhz | 2000Mhz | - | - | - | - |
| **Memory** | | | | | | | | | |
| Memory support | 533/667/ 800 MHz | 533/667/ 800 MHz | 533/667/ 800 MHz | 533/667/ 800 MHz | 533/667/ 800 MHz | 667/800 MHz | 667/800 MHz | 667/800 MHz | 667/800 MHz |
| DIMM slots | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| dual channel support | x | x | x | x | x | x | x | x | x |
| Max. capacity DDR2 SDRAM | 8GB | 8GB | 8GB | 8GB | 8GB | 8GB | 8GB | 8GB | 8GB |
| for dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same | | | | | | | | | |
| **Interfaces** | | | | | | | | | |
| Mouse/keyboard (PS2) | x/x | x/x | x/x | x/x | x/x | x / x | x / x | x / x | x / x |
| Serial (9pi, 16 byte FIFO, 16550 compatible) | x | x | x | x | x | x | x | x | x |
| Second serial port | x | x | x | x | x | x | x | x | x |
| Parallel (25pin with EPP and ECP) | - | - | - | - | - | optional | optional | optional | optional |
| Display (15 pin, VGA) | x | x | x | x | x | x | x | x | x |
| DVI | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| Micro (mono) rear | - | - | - | - | - | - | - | - | - |
| Line in (stereo) rear | x | x | x | x | x | x | x | x | x |
| Line out (stereo) rear | x | x | x | x | x | x | x | x | x |
| Micro (mono) front | x | x | x | x | x | x | x | x | x |
| Headphone in front | x | x | x | x | x | x | x | x | x |
| LAN RJ45 | x | x | x | x | x | x | x | x | x |
| Universal Serial Bus (USB 2.0) in total | 10 | 10 | 8 | 8 | 8 | 12 | 12 | 12 | 12 |
| therefore USB rear | 6 | 6 | 4 | 4 | 4 | 6 | 6 | 6 | 6 |
| USB front | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| USB internal | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 |
| **Interfaces add on cards/components** | | | | | | | | | |
| Dual port RS232 , serial | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| eSATA cable | - | - | - | - | - | optional | optional | optional | optional |

| | E5915 | E5916 | E5615, EPA | E5615 | E5616 | E5720 | E5720, EPA | E5925 vPro | E5925 vPro, EPA |
|---|---|---|---|---|---|---|---|---|---|
| Parallel cable (25pin with EPP and ECP) | - | - | - | - | - | optional | optional | optional | optional |
| Multicardreader | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| **Input device/components** | | | | | | | | | |
| USB wheel mouse | x | x | x | x | x | - | - | - | - |
| Optical USB Tilt wheel mouse | - | - | - | - | - | x | x | x | x |
| Optical USB/PS2 Tilt wheel mouse | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| **LAN on board** | | | | | | | | | |
| 10/100/1000 MBit/s | Broadcom BCM5755 | Intel® 82566DM | NVIDIA C51PV | NVIDIA C51PV | NVIDIA C51PV | Broadcom BCM5754 | Broadcom BCM5754 | Intel® 82566DM | Intel® 82566DM |
| Wake up on LAN (WOL) | x | x | x | x | x | x | x | x | x |
| PXE | x | x | x | x | x | x | x | x | x |
| BootP | tested | tested | tested | tested | tested | tested | tested | tested | tested |
| **LAN add on cards** | | | | | | | | | |
| Gigabit Ethernet, SysKonnect | optional | optional | optional, combina-tions limited | optional | optional | optional | optional | optional | optional |
| **Audio on board** | | | | | | | | | |
| Internal speaker supports audio playback | x | x | x | x | x | x | x | x | x |
| High definition audio | Realtek ALC 260 | Realtek ALC 260 | Realtek ALC 260 | Realtek ALC 260 | Realtek ALC 260 | Realtek ALC 262 | Realtek ALC 262 | Realtek ALC 262 | Realtek ALC 262 |
| **I/O controller onboard** | | | | | | | | | |
| Fast DIE/Ultra DMA-100 bus master capability | - | - | - | - | - | - | - | - | - |
| Serial ATA / thereof eSATA | 4 / 0 | 4 / 0 | 4 / 0 | 4 / 0 | 4 / 0 | 4 / 2 | 4 / 2 | 4 / 2 | 4 / 2 |
| Serial ATA II / 3Gbit | x/x | x/x | x/x | x/x | x/x | x/x | x/x | x/x | x/x |
| Raid 1/0 | - | x | x | x | x | - | - | x | x |
| **Drive bays** | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| internal 3,5'' | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| external 3,5'' | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* |
| external 5,25'' | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* |
| | * optional internal 3.5" | * optional internal 3.5" | * optional internal 3.5" | * optional internal 3.5" | * optional internal 3.5" | * optional internal 3.5" | * optional internal 3.5" | * optional internal 3.5" | * optional internal 3.5" |
| **Floppy disk drive 1.44 MB standard** | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| **Hard disk drives** | | | | | | | | | |
| Serial ATA II 80 / 160 / 250 / 500 GB supporting NCQ and 3Gbit (if chipset support is available) | x/x/x/- | x/x/x/- | x/x/x/- | x/x/x/- | x/x/x/- | x/x/x/ Jan08 | x/x/x/ Jan08 | x/x/x/ Jan08 | x/x/x/ Jan08 |
| **Optical drives (SATA)** | | | | | | | | | |
| 16/48-speed DVD ROM | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| DVD SuperMulti writer double layer support | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| **Slots** | | | | | | | | | |
| PCI | 2 (190 mm) low profile | 2 (190 mm) low profile | 2 (190 mm) low profile | 2 (190 mm) low profile | 2 (190 mm) low profile | 2 (190 mm) low profile | 2 (190 mm) low profile | 2 (190 mm) low profile | 2 (190 mm) low profile |
| PCI Express x16 | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile |
| PCI Express x1 | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile | 1 (210 mm) low profile |
| | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional | 1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional |
| **Graphic on board** | Intel® GMA 3000 | Intel® GMA 3000 | NVIDIA C51PV (Geforce 6150LE) | NVIDIA C51PV (Geforce 6150LE) | NVIDIA C51PV (Geforce 6150LE) | Intel® GMA 3100 | Intel® GMA 3100 | Intel® GMA 3100 | Intel® GMA 3100 |
| Shared memory depending on driver | up to 256MB | up to 256MB | up to 256MB | up to 256MB | up to 256MB | up to 256MB | up to 256MB | up to 256MB | up to 256MB |
| 3D SW interface | DirectX 9 | DirectX 9 | DirectX 9 | DirectX 9 | DirectX 9 | DirectX 9 | DirectX 9 | DirectX 9 | DirectX 9 |
| Resolution (color depth up to 32 Bit/pixel) | | | | | | | | | |
| 1024 x 768 (recommended / max*) | 85 / 120 Hz | 85 / 120 Hz | 120 / 200 Hz | 120 / 200 Hz | 120 / 200 Hz | 85 / 120 Hz | 85 / 120 Hz | 85 / 120 Hz | 85 / 120 Hz |
| 1280 x 1024 (recommended / max*) | 85 / 120 Hz | 85 / 120 Hz | 100 / 150 Hz | 100 / 150 Hz | 100 / 150 Hz | 85 / 120 Hz | 85 / 120 Hz | 85 / 120 Hz | 85 / 120 Hz |
| 1600 x 1200 (recommended / max*) | 85 / 100 Hz | 85 / 100 Hz | 85 / 100 Hz | 85 / 100 Hz | 85 / 100 Hz | 85 / 100 Hz | 85 / 100 Hz | 85 / 100 Hz | 85 / 100 Hz |
| 1440 x 900 widescreen TFT (VGA / DVI) | x / x | x / x | x / x | x / x | x / x | x / x | x / x | x / x | x / x |
| 1680 x 1050 widescreen TFT (VGA / DVI) | x / x | x / x | x / x | x / x | x / x | x / x | x / x | x / x | x / x |
| 1920 x 1200 widescreen TFT (VGA / DVI) | x / x | x / x | x / x | x / x | x / x | x / x | x / x | x / x | x / x |

| | E5915 | E5916 | E5615, EPA | E5615 | E5616 | E5720 | E5720, EPA | E5925 vPro | E5925 vPro, EPA |
|---|---|---|---|---|---|---|---|---|---|
| * refresh rates reflect the max. graphics capabilities. Video quality can be deteriorated when using maximum settings. For TFT we recommend to use 60Hz. | | | | | | | | | |
| **Graphic add on cards** | | | | | | | | | |
| NVIDIA GeForce FX 7300LE 128MB, LP (DirectX 9) | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| NVIDIA GeForce FX 7300LE 256MB, LP (DirectX 9) | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| NVIDIA GeForce FX 7300LE 128MB (DirectX 9) | - | - | - | - | - | - | - | - | - |
| NVIDIA GeForce FX 7300LE 256MB (DirectX 9) | - | - | - | - | - | - | - | - | - |
| DVI adapter incl. Dual Monitoring (DVI/VGA) | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| Dual-DVI adapter incl. Dual Monitoring (DVI/DVI) | optional | optional | - | - | - | optional | optional | optional | optional |
| **Electrical values** | | | 80+ PSU | | | | 80+ PSU | | 80+ PSU |
| Rated voltage range, AC | 100 – 240 V | 100 – 240 V | 100 – 240 V | 100 – 240 V | 100 – 240 V | 100 – 240 V | 100 – 240 V | 100 – 240 V | 100 – 240 V |
| Rated frequency range | 50-60 Hz | 50-60 Hz | 50-60 Hz | 50-60 Hz | 50-60 Hz | 50-60 Hz | 50-60 Hz | 50-60 Hz | 50-60 Hz |
| Operating voltage range, AC | 90 – 264 V | 90 – 264 V | 90 – 264 V | 90 – 264 V | 90 – 264 V | 90 – 264 V | 90 – 264 V | 90 – 264 V | 90 – 264 V |
| Operating line frequency range | 47 – 63 Hz | 47 – 63 Hz | 47 – 63 Hz | 47 – 63 Hz | 47 – 63 Hz | 47 – 63 Hz | 47 – 63 Hz | 47 – 63 Hz | 47 – 63 Hz |
| Max. output of power supply | 270 W | 270 W | 300W | 270 W | 270 W | 270 W | 300W | 270 W | 300W |
| PFC (power factor correction) | active | active | active | active | active | active | active | active | active |
| Monitor outlet | yes, switched | yes, switched | yes, switched | yes, switched | yes, switched | yes, switched | yes, switched | yes, switched | yes, switched |
| **Power consumption for standard configuration (W) / CPU (1GB memory, HD, ODD, FDD, Operating system)** | E6400 | E6400 | Athlon 64 X2 5200+ | Athlon 64 X2 4200+ | Athlon 64 X2 4200+ | Celeron 430; E6850 | Celeron 430; E6850 | Celeron 430; E6850 | Celeron 430; E6850 |
| Maximum (S0, running app. CD in use) | 94W | 94W | 102W | 102W | 102W | 69W / 100W | 62W / 90W | 72W / 101W | 63 W / 89W |
| Average (S0, running OS, Idle mode) | 61W | 60W | 43W | 47W | 47W | 52W / 53W | 44W / 45W | 51W / 52W | 45W / 45W |
| Stand by (S3, energy saving modus, WOL enabled) | 2,9W | 2,2W | 2,7W | 2,8W | 2,8W | 1,6W | 1,6W | 1,8W | 1,8W |
| Minimum (ACPI status S5, soft off, **WOL enabled**) | 1,7W | 1,6W (7,2W iAMT enabled) | 1,1W | 1,2W | 1,2W | 1,5W | 1,5W | 1,7W | 1,6W |
| **Heat dissipation (kJ/h / BTU/h) / CPU** | E6400 | E6400 | Athlon 64 X2 5200+ | Athlon 64 X2 4200+ | Athlon 64 X2 4200+ | E6850 | E6850 | E6850 | E6850 |
| Maximum (S0, running app. CD in use) | 338 kJ/h / 320BTU/h | 338 kJ/h / 320BTU/h | 367 kJ/h / 348 BTU/h | 367 kJ/h / 348 BTU/h | 367 kJ/h / 348 BTU/h | 360 kJ/h / 341 BTU/h | 324 kJ/h / 307 BTU/h | 364 kJ/h / 345 BTU/h | 320 kJ/h / 304 BTU/h |
| Average (S0, running OS, Idle mode) | 220 kJ/h / 208 BTU/h | 216 kJ/h / 205 BTU/h | 155 kJ/h / 147 BTU/h | 169 kJ/h / 160 BTU/h | 169 kJ/h / 160 BTU/h | 191 kJ/h / 181 BTU/h | 162 kJ/h / 154 BTU/h | 187 kJ/h / 177 BTU/h | 162 kJ/h / 154 BTU/h |
| Stand by (S3, energy saving modus, WOL enabled) | 10,5 kJ/H / 9,9 BTU/h | 7,9 kJ/h / 7,5 BTU/h | 9,7 kJ/h / 9,2 BTU/h | 10 kJ/h / 9,6 BTU/h | 10 kJ/h / 9,6 BTU/h | 5,8 kJ/h / 5,5 BTU/h | 5,8 kJ/h / 5,5 BTU/h | 6,5 kJ/h / 6,1 BTU/h | 6,5 kJ/h / 6,1 BTU/h |
| Minimum (ACPI status S5, soft off, **WOL enabled**) | 6,2 kJ/h / 5,8 BTU/h | 5,8 kJ/h / 5,5 BTU/h | 4,0 kJ/h / 3,8 BTU/h | 4,3 kJ/h / 4,1 BTU/h | 4,3 kJ/h / 4,1 BTU/h | 5,4 kJ/h / 5,1 BTU/h | 5,4 kJ/h / 5,1 BTU/h | 6,2 kJ/h / 5,8 BTU/h | 5,8 kJ/h / 5,5 BTU/h |
| 1W = 3,6kJ/h, 1W = 3,4121BTU/h | | | | | | | | | |
| **Noise for standard configuration (HDD, ODD, FDD)** | E6400 | E6400 | Athlon 64 X2 4200+ | Athlon 64 X2 4200+ | Athlon 64 X2 4200+ | Celeron 430; E6850 | Celeron 430; E6850 | Celeron 430; E6850 | Celeron 430; E6850 |
| A weighted sound **power level Lwad** (in B) / Workplace related A-weighted sound **pressure level LpAm** (in dB(A)), (bystander position) (ISO9296) | | | | | | | | | |
| Operation mode 1: ODD load (Blue angel requirement) | 5,0B / 33dB | 5,0B / 33dB | 4,2B / 28dB | 4,2B / 28dB | 4,2B / 28dB | 4,7B / 32dB ; 4,6B / 32dB | 4,7B / 32dB ; 4,6B / 32dB | 4,7B / 32dB | 4,7B / 32dB |
| Operation mode 2: HDD load (Blue angel requirement) | 3,7B / 23dB | 3,7B / 23dB | 3,8B / 23dB | 3,8B / 23dB | 3,8B / 23dB | 3,7B / 22dB ; 3,4B / 18dB | 3,7B / 22dB ; 3,4B / 18dB | 3,5B / 20dB ; 3,6B / 20dB | 3,5B / 20dB ; 3,6B / 20dB |
| Operation mode 3: CPU 90% load (Blue angel requirement) | 3,7B / 22dB | 3,7B / 22dB | 3,5B / 21dB | 3,5B / 21dB | 3,5B / 21dB | 3,3B / 17dB ; 3,6B / 20dB | 3,3B / 17dB ; 3,6B / 20dB | 3,3B / 17dB ; 3,6B / 21dB | 3,3B / 17dB ; 3,6B / 21dB |
| Operation mode 4: High load | 3,7B / 22dB | 3,7B / 22dB | 4,0B / 25dB | 4,0B / 25dB | 4,0B / 25dB | 3,7B / 22dB ; 3,9B / 21dB | 3,7B / 22dB ; 3,9B / 21dB | 3,6B / 20dB ; 3,7B / 22dB | 3,6B / 20dB ; 3,7B / 22dB |
| Operation mode 5: Office applications | 3,6B / 21dB | 3,6B / 21dB | 3,8B / 23dB | 3,8B / 23dB | 3,8B / 23dB | 3,7B / 21dB ; 3,5B / 23dB | 3,7B / 21dB ; 3,5B / 23dB | 3,5B / 20dB ; 3,7B / 21dB | 3,5B / 20dB ; 3,7B / 21dB |
| Idle mode (Blue angel requirement) | 3,5B / 20dB | 3,5B / 20dB | 3,6B / 21dB | 3,6B / 21dB | 3,6B / 21dB | 3,4B / 17dB ; 3,4B / 17dB | 3,4B / 17dB ; 3,4B / 17dB | 3,3B / 16dB ; 3,4B / 17dB | 3,3B / 16dB ; 3,4B / 17dB |

| | E5915 | E5916 | E5615, EPA | E5615 | E5616 | E5720 | E5720, EPA | E5925 vPro | E5925 vPro, EPA |
|---|---|---|---|---|---|---|---|---|---|
| **Ambient temperature (IEC 721)** | 15°C'- 35°C | 15°C'- 35°C | 15°C'- 35°C | 15°C'- 35°C | 15°C'- 35°C | 15°C'- 35°C | 15°C'- 35°C | 15°C'- 35°C | 15°C'- 35°C |
| Dimensions | 100 x 340 x 380 mm | 100 x 340 x 380 mm | 100 x 340 x 380 mm | 100 x 340 x 380 mm | 100 x 340 x 380 mm | 100 x 340 x 380 mm | 100 x 340 x 380 mm | 100 x 340 x 380 mm | 100 x 340 x 380 mm |
| Operating position (vertical/horizontal) | x / x (no feet needed) | x / x (no feet needed) | x / x (no feet needed) | x / x (no feet needed) | x / x (no feet needed) | x / x (no feet needed) | x / x (no feet needed) | x / x (no feet needed) | x / x (no feet needed) |
| Weight (depending on config) | approx. 10 kg | approx. 10 kg | approx. 10 kg | approx. 10 kg | approx. 10 kg | approx. 10 kg | approx. 10 kg | approx. 10 kg | approx. 10 kg |
| **Approvals and standards** | | | | | | | | | |
| CE certification according to EU Directives 89/336/EEC (EMC) and 06/95/EC (Product safety) | x | x | x | x | x | x | x | x | x |
| Ergonomics ISO9241 (GS mark) | x | x | x | x | x | x | x | x | x |
| Product safety IEC60950, EN60950, UL 60950, CSA22.2, UL 60950, CSA22.2, No.60950 | x | x | x | x | x | x | x | x | x |
| Electromagn. compatibility EN55022/B, FCC class B, EN55024, EN61000-3-2/3 | x | x | x | x | x | x | x | x | x |
| Environmental compatibility | | | | | | | | | |
| RoHS (Restriction of hazardous substances) | x | x | x | x | x | x | x | x | x |
| WEEE (Waste electrical and electronical equipment) | x | x | x | x | x | x | x | x | x |
| Energy Star | - | - | x (4.0) | - | - | - | x (4.0) | - | x (4.0) |
| Blue Angel 2007 | x | x (iAMT disabled) | x | x | x | x | x | x | x |
| Nordic Swan | x | x | x | x | x | tbd | tbd | tbd | tbd |
| Med certification according to EN60950 and EN60601-1- | x | - | - | - | - | - | - | tbd | tbd |
| **Software (compatibility / preinstalled)** | | | | | | | | | |
| Microsoft Windows 2000 | x / - | x / - | x / - | x / - | x / - | for projects | for projects | for projects | for projects |
| Microsoft Windows XP Home | x / - | x / - | x / - | x / - | x / - | x / - | x / - | x / - | x / - |
| Microsoft Windows XP Professional | x / optional | x / optional | x / optional | x / optional | x / optional | x / opt (TwinLoad) | x / opt (TwinLoad) | x / opt (TwinLoad) | x / opt (TwinLoad) |
| Microsoft Windows XP Professional x64 Edition | x / - | x / - | x / - | x / - | x / - | x / - | x / - | x / - | x / - |
| Microsoft Windows Vista® 32bit | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional |
| Microsoft Windows Vista® 64bit | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional |
| Microsoft Windows Vista® Basic Logo (min. 512MB RAM necessary) | x | x | x | x | x | x | x | x | x |
| Microsoft Windows Vista® Premium Logo (min. 1GB RAM and Dual Channel memory necessary) | x | x | x | x | x | x | x | x | x |
| Linux certified | Novell SLED10 | - | Novell SLED10 | Novell SLED10 | - | - | - | - | - |
| **Additional Software** | | | | | | | | | |
| Recovery DVD (Microsoft Windows XP / Vista) | x / optional | x / optional | x / optional | x / optional | x / optional | - / optional | optional | optional | optional |
| Drivers and Utility DVD (DUDVD) (Microsoft Windows XP / Vista) | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional | x / optional |
| XONTROL (noise reduction for optical drives) | x | x | x | x | x | x | x | x | x |
| SafeStandby (only Windows XP) | x | x | - | - | x | - | - | - | - |
| **Others** | | | | | | | | | |
| Thermal Management | x | x | x | x | x | x | x | x | x |
| Keyboard on (Fujitsu Siemens Computers keyboard required) | x | x | x | x | x | x | x | x | x |
| Spare part availability | 5 years | 5 years | 5 years | 5 years | 5 years | 5 years | 5 years | 5 years | 5 years |
| **Compatibility (references)** | | | | | | | | | |
| Microsoft Operating Systems (HCT / HCL entry) | x | x | x | x | x | x | x | x | x |
| PC 2001, DMI 2.0, WMI 1.5, USB 2.0 | x | x | x | x | x | x | x | x | x |
| **Manageability** | | | | | | | | | |
| ASF 2.0 (Alert Standard Format) | x | x | - | - | - | x | x | x | x |

| | E5915 | E5916 | E5615, EPA | E5615 | E5616 | E5720 | E5720, EPA | E5925 vPro | E5925 vPro, EPA |
|---|---|---|---|---|---|---|---|---|---|
| iAMT Intel Active Manageability Technology (not activated, not provisioned, for Win XP Prof and Vista Business only) | - | x (v. 2.x) | - | - | - | - | - | x (v.3.0) | x (v. 3.0) |
| DeskView 10.x client management including: | | | | | | | | | |
| On/Offline remote client management | x | x | x | x | x | x | x | x | x |
| Detailed system inventory management and reports | x | x | x | x | x | x | x | x | x |
| BIOS Management | x | x | x | x | x | x | x | x | x |
| Remote power management | x | x | x | x | x | x | x | x | x |
| System notifications | x | x | x | x | x | x | x | x | x |
| Advanced alerts (ASF implementation) | x | x | - | - | - | x | x | x | x |
| Security Remote Control | x | x | x | x | x | x | x | x | x |
| DeskView Helpdesk Integration | x | x | x | x | x | x | x | x | x |
| DeskUpdate Driver management | x | x | x | x | x | x | x | x | x |
| DeskView Migrate | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| DeskView Control | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| PXE 2.1 Boot code | x | x | x | x | x | x | x | x | x |
| BootP Boot Code including Bootmanage Administrator Software | tested | tested | tested | tested | tested | tested | tested | tested | tested |
| Wake up from S5 (off mode) | x | x | x | x | x | x | x | x | x |
| Intrusion switch | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| **Security** | | | | | | | | | |
| Physical Security implemented in the cabinet | | | | | | | | | |
| Prepared for Kensington lock, eye for padlock | x | x | x | x | x | x | x | x | x |
| Integrated cabinet lock | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| System Security | | | | | | | | | |
| Boot sector virus protection | x | x | x | x | x | x | x | x | x |
| Write protect option for the Flash EPROM | x | x | x | x | x | x | x | x | x |
| Embedded security (TPM1.2) | x | x | - | - | x | x | x | x | x |
| Control of all USB interfaces / external USB interfaces detachable separately | x / x | x / x | x / - | x / - | x / - | x / x | x / x | x / x | x / x |
| Boot protection for floppy disk/CD drive and write protection for floppy disk drive | x | x | x | x | x | x | x | x | x |
| Control of external interfaces | x | x | x | x | x | x | x | x | x |
| User Security | | | | | | | | | |
| User and supervisor BIOS password | x | x | x | x | x | x | x | x | x |
| SystemLock 2 BIOS SmartCard Security | x | x | x | x | x | x | x | x | x |
| Hard disk password | x | x | x | x | x | x | x | x | x |
| Access protection via external SmartCard reader | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| Access protection via internal SmartCard reader | optional | optional | optional | optional | optional | optional | optional | optional | optional |
| **Serviceability** | | | | | | | | | |
| FlexySlot | x | x | x | x | x | x | x | x | x |
| EasyFix | x | x | x | x | x | x | x | x | x |
| EasyChange (for HDD / for optical drives) | x / x | x / x | x / x | x / x | x / x | x / x | x / x | x / x | x / x |
| EasyPull | x | x | x | x | x | x | x | x | x |
| **Packaging information** | | | | | | | | | |
| Dimension outside (H x W x D) in mm | 500x290x540 | 500x290x540 | 500x290x540 | 500x290x540 | 500x290x540 | 500x290x540 | 500x290x540 | 500x290x540 | 500x290x540 |
| Max. quantity/ pallet | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Material/ weight in g | | | | | | | | | |
| Carton | 1270g | 1270g | 1270g | 1270g | 1270g | 1270g | 1270g | 1270g | 1270g |
| EPS / PS | 230g | 230g | 230g | 230g | 230g | 230g | 230g | 230g | 230g |
| PE | appr. 60g | appr. 60g | appr. 60g | appr. 60g | appr. 60g | appr. 60g | appr. 60g | appr. 60g | appr. 60g |
| printed user documentation is bleached in chlorine free process | | | | | | | | | |
| Logos | | | ENERGY STAR | | | | ENERGY STAR | | ENERGY STAR |

**Recycling information/ End of life service information**
product is designed for easy recyclability
information about take back and recycling you can find here
http://www.fujitsu-siemens.com/recycling
**information about environmental initiatives, policies, programs and goals can be found here**
http://www.fujitsu-siemens.com/aboutus
**Product material information**
For all restricted substances see the Environmental guideline FSC03230
The data reflects laboratory performance only. The customer configuration may perform differently, depending on the software, components and peripherals connected.

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