

ESPRIMO™ E Series Economy in Small Form Factor

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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.

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



	E5905	E5901	E5700	E5915	E5916	E5615	E5616	E5710
Mainboard								
Chipset	i945G Express	i945G iAMT	i915GV	iQ965	iQ965 iAMT	NVIDIA C51PV	NVIDIA C51PV	ATI Radeon® Xpress 1100
Mainboard Number	D2164	D2168	D2334	D2344	D2348	D2464-A	D2464-B TPM	D2454
Mainboard form factor	proprietary	proprietary	proprietary	proprietary	proprietary	proprietary	proprietary	proprietary
Processor socket	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	Socket AM2	Socket AM2	LGA 775
Front side bus resp. system bus support	533/800/1066 MHz	533/800/1066 MHz	533/800 MHz	533/800/1066 MHz	533/800/1066 MHz	2000 MHz	2000 MHz	533/800/1066 MHz
BIOS version	Phoenix Vers.5.0	Phoenix Vers.5.0	Phoenix Vers.5.0	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
Recovery BIOS	x	x	x	x	x	x	x	x
Processor								
Intel® Core™ 2 Duo	-	-	-	up to E6600	up to E6600	-	-	up to E6600
Second level cache	-	-	-	4MB	4MB	-	-	4MB
Front side bus (FSB)	-	-	-	1066MHz	1066MHz	-	-	1066MHz
Intel® Pentium® D9xx	up to D945	up to D945	-	up to D945	up to D945	-	-	up to D945
Second level cache	2x2MB	2x2MB	-	2x2MB	2x2MB	-	-	2x2MB
Front side bus (FSB)	800MHz	800MHz	-	800MHz	800MHz	-	-	800MHz
Intel® Pentium® D8xx	up to D820	up to D820	-	up to D820	up to D820	-	-	up to D820
Second level cache	2x1MB	2x1MB	-	2x1MB	2x1MB	-	-	2x1MB
Front side bus (FSB)	800 MHz	800 MHz	-	-	-	-	-	-
Intel® P4 6xx	up to 661	up to 661	up to 661	-	-	-	-	-
Second level cache	2MB	2MB	2MB	-	-	-	-	-
Front side bus (FSB)	800 MHz	800 MHz	800 MHz	-	-	-	-	-
Intel® P4 5xx	521	521	541	-	-	-	-	541
Second level cache	1MB	1MB	1MB	-	-	-	-	1MB
Front side bus (FSB)	800 MHz	800 MHz	800 MHz	800MHz	800MHz	-	-	800MHz
Intel® Celeron D	up to D356	up to D356	up to D356	up to D356	up to D356	-	-	up to D356
Second level cache	509 KB	510 KB	511 KB	512 KB	512 KB	-	-	512 KB
Front side bus (FSB)	533 MHz	533 MHz	533 MHz	533 MHz	533 MHz	-	-	533 MHz
Athlon™ 64 X2 (socket)	-	-	-	-	-	up to 5000+ (AM2)	up to 5000+ (AM2)	-
Second level cache	-	-	-	-	-	2 x 512 KB	2 x 512 KB	-
System Bus support	-	-	-	-	-	2000 MHz	2000 MHz	-
Athlon™ 64 X2 Energy efficient (socket)	-	-	-	-	-	3800+ (AM2)	3800+ (AM2)	-
Second level cache	-	-	-	-	-	2 x 512 KB	2 x 512 KB	-
System Bus support	-	-	-	-	-	2000 MHz	2000 MHz	-
AMD Athlon™ 64 (socket)	-	-	-	-	-	3800+ (AM2)	3800+ (AM2)	-
Second level cache	-	-	-	-	-	512 KB	512 KB	-
System Bus support	-	-	-	-	-	2000 MHz	2000 MHz	-
AMD Sempron™ (socket)	-	-	-	-	-	3200+ (AM2)	3200+ (AM2)	-
Second level cache	-	-	-	-	-	128 KB	128 KB	-
System Bus support	-	-	-	-	-	1600MHz	1600MHz	-
AMD Sempron™ Energy efficient (socket)	-	-	-	-	-	3200+ (AM2)	3200+ (AM2)	-
Second level cache	-	-	-	-	-	128 KB	128 KB	-
System Bus support	-	-	-	-	-	1600 MHz	1600 MHz	-
Memory								
Memory support	533/667 MHz	533/667 MHz	533 MHz	533/667/800 MHz	533/667/800 MHz	533/667/800 MHz	533/667/800 MHz	533/667 MHz
DIMM slots	4	4	4	4	4	4	4	2
dual channel support	x	x	x	x	x	x	x	-
Max. capacity DDR SDRAM 400 MHz	-	-	-	-	-	-	-	-
Max. capacity DDR2 SDRAM 533 MHz	4GB	4GB	4GB	-	-	-	-	-
Max. capacity DDR2 SDRAM 667 MHz	-	-	-	4GB	4GB	4GB	4GB	4GB
for dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same	4GB address space thereof, max. 3.0GB usable for physical main memory	4GB address space thereof, max. 3.0GB usable for physical main memory	4GB address space thereof, max. 3.0GB usable for physical main memory	8GB address space (with future memory modules). Fully useable.	8GB address space (with future memory modules). Fully useable.	8GB address space (with future memory modules). Fully useable.	8GB address space (with future memory modules). Fully useable.	4GB address space (with future memory modules). Thereof, max. 3.0GB usable for physical main memory.
Interfaces								
Mouse/keyboard (PS2)	x/x	x/x	x/x	-/-	-/-	-/-	-/-	-/-
Serial (9pi, 16 byte FIFO, 16550 compatible)	x	x	x	x	x	x	x	x
Second serial port	optional	optional	optional	x	x	x	x	x
Parallel (25pin with EPP and ECP)	x	x	x	-	-	-	-	-
Display (15 pin, VGA)	x	x	x	x	x	x	x	x
DVI adapter	-	-	optional	-	-	-	-	-
DVI adapter incl. Dual Monitoring (DVI/VGA)	optional	optional	-	optional	optional	optional	optional	optional
Dual-DVI adapter incl. Dual Monitoring (DVI/DVI)	optional	optional	-	optional	optional	-	-	optional from Dec 06 on

DeskView 10.x client management including: On/Offline remote client management	x	x	x	x	x	x	x	x
Detailed system inventory management and reports	x	x	x	x	x	x	x	x
BIOS Management	x	x	x	x	x	x	x	x
Remote power management	x	x	x	x	x	x	x	x
System notifications	x	x	x	x	x	x	x	x
Advanced alerts (ASF implementation)	x	-	-	-	-	-	-	-
Security Remote Control	x	x	x	x	x	x	x	x
DeskView Helpdesk Integration	x	x	x	x	x	x	x	x
DeskUpdate Driver management	x	x	x	x	x	x	x	x
DeskView Migrate	optional	optional	optional	optional	optional	optional	optional	optional
DeskView Control	optional	optional	optional	optional	optional	optional	optional	optional
PXE 2.1 Boot code	x	x	x	x	x	x	x	x
BootP Boot Code including Bootmanager Administrator Software	optional	optional	optional	tested	tested	tested	tested	tested
Wake up from S5 (off mode)	x	x	x	x	x	x	x	x
Intrusion switch	optional	optional	optional	optional	optional	optional	optional	optional
Security								
Physical Security implemented in the cabinet								
Prepared for Kensington lock, eye for padlock, seal option	x	x	x	x	x	x	x	x
Integrated cabinet lock	optional	optional	optional	optional	optional	optional	optional	optional
System Security								
Boot sector virus protection	x	x	x	x	x	x	x	x
Write protect option for the Flash EPROM	x	x	x	x	x	x	x	x
Embedded security (TPM1.1)	optional	x	-	-	-	-	-	-
Embedded security (TPM1.2)	-	-	-	x	x	-	x	-
Norton Internet Security (NIC)	x	x	x	x	x	x	x	x
Control of all USB interfaces / external USB interfaces detachable separately	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
Control of external interfaces	x	x	x	x	x	x	x	x
User Security								
User and supervisor BIOS password	x	x	x	x	x	x	x	x
SystemLock BIOS								
SmartCard Security	x	x	-	-	-	-	-	-
SystemLock 2 BIOS								
SmartCard Security	-	-	-	x	x	x	x	x
Hard disk password	x	x	x	x	x	x	x	x
Access protection via external SmartCard reader	optional	optional	optional	optional	optional	optional	optional	optional
Access protection via internal SmartCard reader	optional	optional	optional	optional	optional	optional	optional	optional
Fujitsu Siemens Computers								
MEMORYBIRD BIOS lock	x	x	-	-	-	x	x	x
Serviceability								
FlexySlot	x	x	x	x	x	x	x	x
EasyFix	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
EasyPull	x	x	x	x	x	x	x	x

**) Not all Windows Vista™ features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PCs will run the core experiences of Windows Vista, such as innovations in organizing and finding information, security, and reliability. Some features available in premium editions of Windows Vista -- like the new Windows® Aero™ user interface -- require advanced or additional hardware. Check www.windowsvista.com/getready for details.*