

ESPRIMO™ Edition P Series Professional PC at a reasonable price

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Fujitsu Siemens Computers presents its basic cost-effective professional PC. The Value Line ESPRIMO Edition – a basic professional PC is aimed towards the price-conscious professional buyer.

The Intel based ESPRIMO Edition P2511 and the AMD based ESPRIMO Edition P2411 are professional PC for all office applications.

- High performance with Intel / NVIDIA chipset
- Wide range of processor performance up to Intel Entry Core 2 Duo and AMD Athlon 64 X2
- Direct X9 onboard graphics to support Microsoft Windows VISTA
- Possibility of graphics expansion with a PCIe x16 slot
- High quality and function stability
- Reduce downtime with service-friendly cabinet and easy component access
- Convenient front access to USB and audio
- Excellent performance with Serial ATA 2 (3Gbit) hard disk drives and Serial ATA optical drives



	ESPRIMO Edition P2411			ESPRIMO Edition P2511		
Order codes *depending on country configuration						
Mainboard						
Chipset	NVIDIA C51G			Intel® 946GZ / ICH7		
Mainboard Number	D2560			D2660		
Mainboard form factor	µBTX			µBTX		
Processor socket	Socket AM2			LGA 775		
Front side bus resp. system bus support	2000 MHz			800 MHz		
BIOS version	Phoenix			Phoenix		
Flash EPROM BIOS update by software	x			x		
Recovery BIOS	x			x		
Processor	*depending on configuration			*depending on configuration		
Intel	-	-	-	Celeron 420 (1.6 GHz)	Dual Core E2140 (1.6 GHz)	Core2 Duo E4300 (1.8 GHz)
Second level cache	-	-	-	512K	1M	2M
Front side bus (FSB)	-	-	-	800 MHz	800 MHz	800 MHz
AMD	Sempron 3600+ (2.0 GHz)	Athlon 64 x2 4000+ (2.1 GHz)	Athlon 64 x2 4800+ (2.5 GHz)	-	-	-
Second level cache	256k	2x512 KB	2x512 KB	-	-	-
System Bus / HT Freq	1600 MHz	2000 MHz	2000 MHz	-	-	-
Memory	*depending on configuration			*depending on configuration		
Memory	512MB / 1GB*			512MB / 1 GB*		
DIMM slots	2			2		
Max. capacity	2GB; 4GB with future memory modules			2GB; 4GB with future memory modules (thereof, max. 3.0GB usable for physical main memory)		
Interfaces						
Mouse/keyboard (PS2)	-/-			-/-		
Serial (9pi, 16 byte FIFO, 16550 compatible)	x			x		
Second serial port	-			-		
Parallel (25pin with EPP and ECP)	-			-		
Display (15 pin, VGA)	x			x		
Display (DVI)	-			-		
Micro (mono) rear	x			x		
Line in (stereo) rear	x			x		
Line out (stereo) rear	x			x		
Micro (mono) front	x			x		
Headphone in front	x			x		
LAN RJ45	x			x		
Universal Serial Bus (USB 2.0) in total	8			8		
therefore						
USB rear	4			6		
USB front	2			2		
USB internal	2			-		
LAN on board						
10/100/MB/s	-			Realtek 8101L		
10/100/1000MB/s	NVIDIA C51PV			-		
PXE	x			x		
BootP	-			-		
Audio on board						
AC97	-			-		
High definition audio	Realtek ALC 260			Realtek ALC 282		
I/O controller onboard						
Fast IDE/Ultra DMA-100 bus master capability	-			-		
Serial ATA	3			3		
Raid 1/0	-			-		
Drive bays						
internal 3,5"	1			1		
external 3,5"	1			1		
external 5,25"	2			2		
Floppy disk drive 1.44 MB standard	-			-		
Hard disk drives	*depending on configuration			*depending on configuration		
Ultra DMA 100	-			-		
Serial ATA	80 / 160GB (SATA II) *			80 / 160GB (SATA II) *		
Optical drives	*depending on configuration			*depending on configuration		
ATAPI	16/48-speed ATAPI DVD / DVD Writer *			16/48-speed ATAPI DVD / DVD Writer *		
Slots						
PCI	2 x (full height)			2 x (full height)		
AGP 8x	-			-		
PCI Express 16x	1 x (full height)			1 x (full height)		
Graphic on board				Intel® GMA 3000		
Shared memory	up to 256MB			up to 256MB		
Resolution (color depth up to 32 Bit/pixel)						
1024 x 768 (recommended / max*)	120 / 200 Hz			85 / 120 Hz		
1280 x 1024 (recommended / max*)	100 / 150 Hz			85 / 120 Hz		
1600 x 1200 (recommended / max*)	85 / 100 Hz			85 / 100 Hz		
1440 x 900 widescreen TFT (VGA / DVI)	x/x			x/x		
1680 x 1050 widescreen TFT (VGA / DVI)	x/x			x/x		
1920 x 1200 widescreen TFT (VGA / DVI)	x/x			x/x		

* refresh rates reflect the max. graphics capabilities. Video quality can be deteriorated when using maximum settings. For TFT we recommend to use 60Hz.		
Electrical values		
Rated voltage	200 - 240 V	200 - 240 V
Rated frequency	50-60 Hz	50-60 Hz
Max. output of power supply	300 W	300 W
Monitor outlet	-	-
Power consumption for standard configuration (W)		
Peak (running app. CD in use)	109 W	165 W
Average (running OS, Idle mode)	50 W	68 W
Minimum (ACPI status S5, soft off)	4,0 W	3,9 W
Ambient temperature (IEC 721)	15°C - 35°C	15°C - 35°C
Dimensions (H x W x D)	390 x 203 x 392 mm	390 x 203 x 392 mm
Operating position (vertical/horizontal)	x / -	x / -
Weight (depending on config)	approx. 11 kg	approx. 11 kg
Approvals and standards		
CE certification according to EU Directives 89/336/EEC (EMC) and 06/95/EC (Product safety)	x	x
Ergonomics ISO9241 (GS mark)	x	x
Product safety IEC60950, EN60950,	x	x
Electromagn. compatibility EN55022/B, EN55024, EN61000-3-2/3	x	x
Software (compatibility / preinstalled)	*depending on configuration	*depending on configuration
Microsoft Windows 2000	- / -	- / -
Microsoft Windows XP Home	x / -	x / -
Microsoft Windows XP Professional	x / optional	x / optional
Microsoft Windows XP Professional x64 Edition	- / -	- / -
Microsoft Windows Vista™ 32bit	x / optional	x / optional
Microsoft Windows Vista™ 64bit	- / -	- / -
Microsoft Windows Vista™ Basic Logo (min. 512MB RAM necessary)	x	x
Microsoft Windows Vista™ Premium Logo (min. 1GB RAM and Dual Channel memory necessary)	x	x
Linux certified	-	-
Additional Software		
Drivers and Utility DVD (DU-DVD)	included	included
Others		
Spare part availability	3 years	3 years
Compatibility (references)		
Microsoft Operating Systems (HCT / HCL entry)	x	x
Manageability		
DeskView 10.x client management (remote and local), including:	-	-
Detailed remote system inventory	-	-
Remote BIOS Management	-	-
Notifications for system surveillance	-	-
Advanced alerts (ASF implementation)	-	-
Remote power management	-	-
DeskUpdate Driver management	-	-
PXE 2.0 Boot code	x	x
BootP Boot Code including Bootmanage Administrator Software	-	-
Wake up from S5 (off mode)	x	x
Intrusion switch	-	-
Security		
Security functions implemented in the cabinet:		
Prepared for Kensington lock/eye for padlock/seal option	x/x/-	x/x/-
Integrated cabinet lock	-	-
Access protection via external SmartCard reader	-	-
Access protection via internal SmartCard reader	-	-
Fujitsu Siemens Computers MEMORYBIRD Security	-	-
Embedded security (TPM1.1)	-	-
System Lock	-	-
Security function implemented in the BIOS, including:		
Write protect option for the Flash EPROM	-	-
Passwords for system and setup	x	x
Password for hard disk	-	-
Control of external interfaces	x	x
Control of all USB interfaces / external USB interfaces detachable separately	x / -	x / -
Boot protection for floppy disk/CD drive and	-	-

write protection for floppy disk drive		
Virus protection in BIOS	-	-
Security functions implemented in the cabinet:		
Prepared for Kensington lock/eye for padlock/seal option	x/x/-	x/x/-
Integrated cabinet lock	-	-
Access protection via external SmartCard reader	-	-
Access protection via internal SmartCard reader	-	-
Fujitsu Siemens Computers MEMORYBIRD Security	-	-
Serviceability		
FlexySlot	-	-
EasyFix	-	-
EasyChange (for HDD / for optical drives)	- / -	- / -
EasyPull	-	-