

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 P2510 and the AMD based ESPRIMO Edition P2410 are professional PC for all office applications.

- High performance with ATI / Nvidia chipset
- Wide range of processor performance up to Intel Pentium D and AMD Athlon 64 X2
- Direct X9 onboard graphics to support Microsoft Windows VISTA
- High quality and function stability
- Reduce downtime with service-friendly cabinet and easy component access
- Convenient front access to USB
- Excellent performance with Serial ATA 2 (3Gbit) hard disk drives and Serial ATA optical drives



	ESPRIMO Edition P2410		ESPRIMO Edition P2510				
Mainboard							
Chipset	NVIDIA C51PV		ATI Radeon® Xpress 1100				
Mainboard Number	D2560		D2480				
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 D346* (=3,06GHz)	Celeron D352* (=3,2GHz)	P4 HT 524 (=3,06GHz)	P4 HT 541 (=3,2GHz)*	Pentium D820 (=2,8GHz)*
Second level cache	-	-	256 KB	512 KB	1 MB	1 MB	2x1 MB
Front side bus (FSB)	-	-	533 MHz	533 MHz	533MHz	800MHz	800MHz
AMD	Athlon 64 3500+*	Athlon 64 x2 3800+*	-	-	-	-	-
Second level cache	512 KB	2x512 KB	-	-	-	-	-
System Bus Support	2000 MHz	2000 MHz	-	-	-	-	-
Memory	*depending on configuration		*depending on configuration				
Memory	256 MB / 512MB / 1GB*		256 MB / 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	-		-				
Headphone in front	-		-				
LAN RJ45	x		x				
Universal Serial Bus (USB 2.0) in total therefore	8		8				
USB rear	4		6				
USB front	2		2				
USB internal	2		-				
LAN on board							
10/100/MB/s	-		Realtek RTL 8100C				
10/100/1000MB/s	NVIDIA C51PV		-				
PXE	x		x				
BootP	-		-				
Audio on board							
AC97	-		-				
High definition audio	Realtek ALC 260		Realtek ALC 260				
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 / CDRW/DVD Combo drive / DVD Writer *		16/48-speed ATAPI DVD / CDRW/DVD Combo drive / DVD Writer *				
Slots							
PCI	2 x (full height)		2 x (full height)				
AGP 8x	-		-				
PCI Express 1x	-		-				
Graphic on board							
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	128
Average (running OS, Idle mode)	50	59
Minimum (ACPI status S5, soft off)	4	4
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 73/23/EEC (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
Environmental compatibility Energy Star	x	x
Blue Angel	-	-
Nordic Swan	-	-
Software (compatibility / preinstalled)	*depending on configuration	*depending on configuration
Microsoft Windows XP Home	x / x*	x / x*
Microsoft Windows XP Professional	x / x*	x / x*
Microsoft Windows Vista™ capable (min. 512MB RAM necessary)	x	x
Microsoft Windows Vista™ Premium Ready (min. 1GB RAM / DVD reader necessary)	x	-
Linux	x / bundled *	x / bundled *
Additional Software		
Drivers and Utility DVD (DU-DVD)	included	included
Norton Internet Security (NIC)	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	-		-
Serviceability			
FlexySlot	-		-
EasyFix	-		-
EasyChange (for HDD / for optical drives)	- / -		- / -
EasyPull	-		-

**) 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.*