Fujitsu recommends Windows 8 Pro.



# Data Sheet Fujitsu ESPRIMO P705 E85+ Desktop PC

The Expandable Business Workhorse

The Fujitsu ESPRIMO P705 E85+ is equipped with the latest AMD technology and offers extraordinary performance. With the powerful processor from AMD this system reaches new performance levels enabling fast and easy handling of challenging tasks. The Fujitsu ESPRIMO 705 E85+ offers optimal expandability due to its microtower design. The PC is equipped with an 86% energy efficient power supply which reduces your power consumption and keeping costs to a minimum.

#### Microtower

Maximum performance and optimal expandability

■ High-quality, high-value microtower, 7 drive bays, 4 PCI/PCI express interfaces

#### **Energy efficiency**

Low power consumption and low costs, without any loss in performance

 Sophisticated technology, low energy-consuming processors, up to 86% efficient power supply and enhanced power management settings

#### Green technology

Fujitsu's contribution to environmental protection for the continued existence of our planet

 Halogen-free printed circuit of mainboard and power supply, sophisticated product concept for the entire lifecycle

#### Quiet

Pleasant working environment due to an extremely quiet system

■ Innovative hardware design, optimized cooling concept ensures silent operations

#### Serviceability

Easy to extend and optimal user-friendliness without any additional tools

■ Easy access to all replaceable and expandable components























Page 1 / 8 www.fujitsu.com/fts/ESPRIMO

## Components

Base unit	ESPRIMO P705 E85+
	Dual serial card PCIe x1
	Dual serial card PCIe x1, powered
	eSATA Interface
	Gigabit Ethernet PCle x1, DS
	Parallel Interface
	WLAN III, 802.11g/Draft-n (Windows only, dedicated regions only)
(optional)	
Interface add on cards/components	
	MultiCard Reader 24in1 USB 2.0 3.5"
	MultiCard Reader 20in1 USB 3.0 front con., 3.5-Inch
	MCR 24in1 & USB 3.0 front con., 3.5"
	DVD Super Multi
	DVD-ROM
Drives (optional)	BD Triple Writer SATA slim (tray)
	2nd NVIDIA® Quadro® NVS 300, 512 MB
	DP to DVI-D (single link) Adapter Cable
	LFH59/ 2x DP adapter cable
	LFH59/ 2x DVI-I adapter cable
	NVIDIA® GeForce® 605 DisplayPort 1GB FH, 1 GB
	NVIDIA® GeForce® GT630 DisplayPort 2GB FH, 2 GB
Graphics add on cards (optional)	NVIDIA® Quadro® NVS 300, 512 MB
Hard disk notes	Up to 18 GB of HDD space is reserved for system recovery
Hand delt. and	HDD SATA II, 7200 rpm, 160 GB, 2.5-inch
	HDD SATA III, 7200 rpm, 250 GB, 3.5-inch
	HDD SATA III, 7200 rpm, 500 GB, 3.5-inch
	HDD SATA III, 7200 rpm, 500 GB, 3.5-inch, business critical
	HDD SATA III, 7200 rpm, 1000 GB, 3.5-inch
	HDD SATA III, 7200 rpm, 2000 GB, 3.5-inch
	SSD SATA III, 128 GB, 2.5-inch, FDE
	SSD SATA III, 128 GB, 2.5-inch
Hard disk drives (internal)	SSD SATA III, 256 GB, 2.5-inch
Haad dtal, dature (texas N	
memory modules	4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
Memory modules	2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
Operating system notes	Limited Windows® XP support. Microsoft discontinued Windows® XP certification on system level, basic drivers via http://support.ts.fujitsu.com
	Windows Vista® Windows® XP
Operating system compatible	openSUSE Linux
	Windows® 7 Professional 64-bit
	Windows® 7 Professional 32-bit
operating system	Windows® 7 Home Premium 64-bit
Operating system	Windows® 7 Home Basic (EM) 32-bit
Operating systems	7 WHO FRENCH II AZ ZZO (Z COIC), Z.O GIIZ, I MIDJ
	AMD Athlon™ II X2 220 (2 Cores, 3.3 GHz, 2 MB)  AMD Athlon™ II X2 220 (2 Cores, 2.8 GHz, 1 MB)
riocessoi	AMD FX 4100 (4 Cores, 3.6 GHz, 8 MB)  AMD Athlon™ II X2 265 (2 Cores, 3.3 GHz, 2 MB)
Processor	ΔΜΙ) ΕΧ /( ΙΙΙΙΙ // ( ΟΓΩς - 3 ΙΑ ( )Η7 - 8 ΜΙΚ )

Mainboard type  Formfactor  µATX  Chipset  AMD 880G  Processor quantity maximum  1  Memory slots  4 DIMM (DDR3)  Supported capacity RAM (max.)  32 GB  Memory frequency  1333 MHz  Memory notes  Por dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same.  > 16 GB support with future memory modules  LAN  10/100/1000 MBit/s Broadcom BCM57780  BIOS reatures  BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)  Audio codec  Audio features  Internal speaker supports audio playback, High Definition audio, 5.1 surround sound		
Formation	Mainboard	
Chipset MOBBOC Processor quantity maximum 1  ADMINI (DDR3) Supported capacity RAM (max.) 32 GB Memory Notes Dial channel support. For dual channel petromance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the some.	Mainboard type	D3091
Remore yalots   A DIMM (DDR3)	Formfactor	μΑΤΧ
Memory Jobs         4. DMM (DDR3)           Supported Capacity RAM (max.)         32 GB           Memory Protes         Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same. > 16 GB support with future memory modules           LAN         10/10/10/00 MBarks Broadcom BCM57780           BIOS Feathures         BIOS Feathures           BIOS Feathures         BIOS Flash EPPROM update by software Recovery BIOS           Audio codec         Realtek ALG683           Audio features         Intended Extensible Firmware Interface (UFF)           Audio Intended Features         Intended Features           Audio Intended Features         Intended Features	Chipset	AMD 880G
Supported capacity RAM (max.) 32 (B Memory frequency 1333 MHz Memory frequency 1333 MHz Memory frequency 1333 MHz Memory frequency 1343 MHz Memory frequency 151 MHz 1	Processor quantity maximum	1
Memory frequency         133 MHz           Memory notes         Dual stanced support. For dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the earme. For dual channel performance, a minimum of 2 memory modules. ANA           BIOS westion         AMI Apilot 4.6           BIOS Fleatures         BIOS Flash EPROM update by software Recovery BIOS unified strenshibe Firmware Interface (UEFI)           Audio codec         Reabex ALC663           Audio features         Internal speaker supports audio playback, High Definition audio, 5:1 surround sound           UO controller on board         Internal speaker supports audio playback, High Definition audio, 5:1 surround sound           UO controller functions         Serial ATA III           Victorial functions         Serial ATA III           Not and 3 GBIx AHI         NC and 3 GBIx AHI           Not and 3 GBIx AHI         NC and 3 GBIx AHI           Audio: line-in / microphone         1           Interfaces         1           USB 3 Notal         1           USB 3 Notal         12           USB 3 Notal         1           USB from audio: microphone         1           Fornt audio: microphone         1           USB from audio: microphone         1           USB from audio: microphone         1	Memory slots	4 DIMM (DDR3)
Memory notes  Dual channel support: For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same.  > 1 6 08 support with future memory modules  LAN 10/100/1000 MBIUS Broadcom BCM/57780  BIOS version AMI Aptio 4.6  BIOS features BIOS features BIOS features Recovery BIOS Unified Extensible Firmware Interface (UEFI)  Audio codec Realtek ALC63  Audio features Internal speaker supports audio playback, High Delinition audio, 5.1 surround sound  I/O controller on board Serial AIX total 6  thereof eSATA 1 (optional) Controller functions Serial AIX II NOC and 3 dBIC APCI APCI Raid 1/O  Interfaces  Audio: Inie-in Microphone 1  Audio: Inie-in Microphone 1  Front audio: microphone 1  1 Front audio: microphone 1  1 Front audio: microphone 1  1 SUS 3.0 total optional  USB 3.0 total optional  USB 10 total 2  VAA 1 (via DVI to VCA adapter, part of shipment)  DisplayPort 1  DUY 1 (DisplayPort 1  DUY 1 (DisplayPort 1  To DisplayPort 1  To DisplayPort 1  To DisplayPort 1  Port audio: Microphone 1  Front audio: Recomponents 1  Front audio: Recomponents 1  Front audio: Recomponents 1  Front audio: Recomponents 1  Poptical USB Art of 1 (optional)  Serial (RS-232) 1 (optional)  DisplayPort 1  To Display 1 (via DVI to VCA adapter, part of shipment)  DisplayPort 1  To DisplayPort 1  To DisplayPort 1  To Display 1 (optional)  DisplayPort 2  Panalle 1 (optional)  Optical USB Rit wheel mouse  KRP C KCO  Mouse WH4U ECO  Drive bays	Supported capacity RAM (max.)	32 GB
For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same.  > 16 6 Bis support with future memory modules  LAN 10/100/1000 MBist Sandedom BCM57780  BIOS features BIOS Flash FPROM update by software Recencery BIOS Unified Extensible Firmware Interface (UEFI)  Audio codec Realter A.LCGG3  Audio relatures Internal speaker supports audio playback, High Definition audio, 5.1 surround sound  WO controller on board Ferial ATA total 6  Hererof eSATA 1 (aptional)  Controller functions Serial ATA II (microphone 1)  Audio: line-in Microphone 1  Audio: line-in microphone 1  Front audio: microphone 1  1500 audio: microphone 1  1500 audio: microphone 1  1500 audio: microphone 1  1501 audio: microphone 1  1508 2.0 total 12  USB 3.0 total 12  USB 3.0 total 12  USB 10 total 10 poplional  USB front 4  4  USB rear 6  1 (via DW1 to VGA adapter, part of shipment)  DisplayPort 1  DW 1 (Dual link DW-II)  Serial (RS-232) 1 (3pin not by eRIPO, 16550 compatible)  Mouser (Reyboard (PS/2) 2  Fishermer (RIP-S) 1 (1 poplional)  Lineface Module notes Anytim the EPP and ECP)  ESATA 1 (aptional)  DisplayPort Optional)  Optical USB its wheel mouse  RBPC PX ECO  Mouse MAUD ECO  Drive bays	Memory frequency	1333 MHz
the same.	Memory notes	
LAN         10/10/01/000 MBINS Broadcom BCM57780           BIOS restrion         AMI Aptio 4.6           BIOS Features         BIOS Fiatures           BIOS Features         BIOS Fiatures           BIOS Features         BIOS Features PBIOS Unified Externsible Firmware Interface (UEFI)           Audio codec         Realek AL(663)           Audio Features         Internal speaker supports audio playback, High Definition audio, 5.1 surround sound           UO controller for board         Serial ATA 1 (optional)           Serial ATA 1 (optional)         Controller functions           Ferial ATA 1 (optional)         Controller functions           Interfaces         Validic Invenion           Audio: line-in / microphone         1           Audio: line-in / microphone         1           Audio: microphone         1           105B 7.0 total         12           USB 7.0 total         12           USB 7.0 total         12           USB 8 front         4           USB 10 total         20 pitonal           USB 10 total         20 pitonal           USB 10 total         20 pitonal (by 10 to VGA adapter, part of shipment)           Displaybort         1           USB 10 total         1 (optional to VFL)		the same.
BIOS reatures BIOS Flash EPROM update by software Recovery BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)  Audio codec Realter ALC663 Audio features Internal speaker supports audio playback, High Definition audio, 5.1 surround sound  VO controller on board  Serial ATA total 6 thereof eSATA 1 (optional) Controller functions Serial ATA II (NCQ and 3 GBIt AHC) Raid 1/0  Interfaces  Audio: line-in 1 1 Audio: line-in Microphone 1 1 Audio: line-in Microphone 1 1 Front audio: microphone 1 1 USB 2.0 total 1 2 USB 3.0 total 0 pitional 1 12 USB 3.0 total 0 pitional 0 1 USB front 4 1 USB front 4 1 USB front 4 1 USB front 4 1 USB front 1 1 DVI 1 (Dual link DVI-I) Serial (RS-232) 1 (ppin, 16 byte FIFO, 16550 compatible) Mouse / Keyboard (PS72) 2 Ethernet (RJ-45) 1 (optional) Interface Module notes Anytime USB charge functionality Input device / components Input device / components Input device / components Input device / components Input devices (optional) Optical USB Itit wheel mouse Input devices (optional)	LAN	
BIOS Features BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)  Audio codec Realtek ALG663 Internal speaker supports audio playback, High Definition audio, 5.1 surround sound  I/O controller on board  Serial ATA total 6 thereof eSATA 1 (optional) Controller functions Serial ATA II NCO and 3 GBit AITC Raid 1:0  Interfaces  Audio: line-in 1 Audio: line-in 1 Audio: line-in / microphone 1 Front audio: microphone 1 USB 2.0 total 2 USB 3.0 total 3 USB front 4 USB front 4 USB rear 6 USB internal 2 USB AD total 3 USB internal 2 USB AD total 4 USB rear 6 USB internal 2 I (wa DVI to VGA adapter, part of shipment) DisplayPort 1 DVI 1 (Dual link DVI-I) DVI 1 (Dual link DVI-I) Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality Imper device / components Optical USB III wheel mouse RRP CR CO Mouse MA40 ECO  Dive bays		
Recovery BIOS Unified Extensible Firmware Interface (UEFI)  Audio codec Realteck ALC663  Audio features Internal speaker supports audio playback, High Definition audio, 5.1 surround sound  VIO controller on board  Serial ATA total 6  thereof eSATA 1 (optional)  Controller functions Serial ATA II (APPLICATE ATA APPLICATE APPL		
Multiple Description   Descr	5.55 .65.65	
Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio, 5.1 surround sound   Internal speaker supports audio playback, High Definition audio playback, High Playback, High Definition audio playback, High Pla		· ·
	Audio codec	
Serial ATA total         6           thereof EATA         1 (optional)           Controller functions         Serial ATA II           NCW and 3 GBit         AHCI           Aldic         Rich aid 1/0           Interfaces         Audio: line-in           Audio: line-out         1           Front audio: microphone         1           Front audio: microphone         1           USB 2.0 total         2           USB 3.0 total         optional           USB front         4           USB frear         6           USB internal         2           VGA         1 (put a) Us V to VGA adapter, part of shipment)           DisplayPort         1           DVI         1 (put a) Us NGA adapter, part of shipment)           DisplayPort         1           DVI         1 (put a) Us NGA adapter, part of shipment)           DisplayPort         1           DVI         1 (put a) Us NGA adapter, part of shipment)           Dviserial (RS-232)         1 (put a) Us NGA adapter, part of shipment)           Dviserial (RS-232)         1 (pot inal)           Rescribed         1 (pot inal)           Use thereof (Ry-4)         1           Use thereof (Ry-4)	Audio features	Internal speaker supports audio playback, High Definition audio, 5.1 surround sound
Serial ATA total         6           thereof EATA         1 (optional)           Controller functions         Serial ATA II           NCW and 3 GBit         AHCI           Aldic         Rich aid 1/0           Interfaces         Audio: line-in           Audio: line-out         1           Front audio: microphone         1           Front audio: microphone         1           USB 2.0 total         2           USB 3.0 total         optional           USB front         4           USB frear         6           USB internal         2           VGA         1 (put a) Us V to VGA adapter, part of shipment)           DisplayPort         1           DVI         1 (put a) Us NGA adapter, part of shipment)           DisplayPort         1           DVI         1 (put a) Us NGA adapter, part of shipment)           DisplayPort         1           DVI         1 (put a) Us NGA adapter, part of shipment)           Dviserial (RS-232)         1 (put a) Us NGA adapter, part of shipment)           Dviserial (RS-232)         1 (pot inal)           Rescribed         1 (pot inal)           Use thereof (Ry-4)         1           Use thereof (Ry-4)	I/O controller on board	
thereof eSATA 1 (optional) Controller functions Serial ATA II (CONTROLLER FUNCAING A GBIT ACA III (CON	Serial ATA total	6
Controller functions         Serial ATA II NCO and 3 GBit APIC (Incompose of the paid 1/0           Interfaces           Audio: line-in   1           Audio: line-in / microphone   1           Audio: line-in / microphone   1           Front audio: microphone   1           Front audio: headphone   1           USB 2.0 total   2           USB 2.0 total   2           USB 10 total   2           USB rear   6           USB rear   6           VGA   1 (via DVI to VGA adapter, part of shipment)           DisplayPort   1           DVI         1 (Dual link DVI-I)           Serial (RS-232)   1 (gpin, 16 byte FIFO, 16550 compatible)           Mouse / Keyboard (PS/2)   2         2           Ethernet (RJ-45)   1         1 (optional) (25pin with EPP and ECP)           eSATA   1 (optional)         1 (optional)           Interface Module notes   Anytime USB charge functionality         Input device / components           Input devices (optional)         Optical USB ItIk wheel mouse (MOUSE WIND COMOUSE W		•
NCQ and 3 GBit AHCI Raid 1/0  Interfaces  Audio: line-in 1 1 Audio: line-in / microphone 1 1 Audio: microphone 1 1 Front audio: microphone 1 1 USB 2.0 total 12 USB 2.0 total 12 USB 3.0 total 0ptional 0		
Interfaces	controller remediates	
Nuterfaces   Audio: line-in   1   1   1   1   1   1   1   1   1		
Audio: line-in / microphone         1           Audio: line-out         1           Front audio: microphone         1           Front audio: headphone         1           USB 2.0 total         12           USB 3.0 total         optional           USB front         4           USB rear         6           VGA         1 (via DVI to VGA adapter, part of shipment)           USB internal         2           VGA         1 (via DVI to VGA adapter, part of shipment)           DisplayPort         1           DVI         1 (Dual link DVI-I)           Serial (RS-232)         1 (9pin, 16 byte FIFO, 16550 compatible)           Mouse / Keyboard (PS/2)         2           Ethernet (R)-45)         1           Parallel         1 (optional) (25pin with EPP and ECP)           eSATA         1 (optional)           Interface Module notes         Anytime USB charge functionality           Input device / components         Optical USB tilt wheel mouse           KBPC PX ECO         Mouse M440 ECO    Drive bays		Raid 1/0
Audio: line-in / microphone         1           Audio: line-out         1           Front audio: microphone         1           Front audio: headphone         1           USB 2.0 total         12           USB 3.0 total         optional           USB front         4           USB rear         6           VGA         1 (via DVI to VGA adapter, part of shipment)           USB internal         2           VGA         1 (via DVI to VGA adapter, part of shipment)           DisplayPort         1           DVI         1 (Dual link DVI-I)           Serial (RS-232)         1 (9pin, 16 byte FIFO, 16550 compatible)           Mouse / Keyboard (PS/2)         2           Ethernet (R)-45)         1           Parallel         1 (optional) (25pin with EPP and ECP)           eSATA         1 (optional)           Interface Module notes         Anytime USB charge functionality           Input device / components         Optical USB tilt wheel mouse           KBPC PX ECO         Mouse M440 ECO    Drive bays	Interfaces	
Audio: line-in / microphone         1           Front audio: microphone         1           Front audio: headphone         1           USB 2.0 total         12           USB 3.0 total         optional           USB front         4           USB rear         6           USB internal         2           VGA         1 (via DVI to VGA adapter, part of shipment)           DisplayPort         1           DVI         1 (Dual link DVI-I)           Serial (RS-232)         1 (9pin, 16 byte FIFO, 16550 compatible)           Mouse / Keyboard (PS/2)         2           Ethernet (RJ-45)         1           Parallel         1 (optional) (25pin with EPP and ECP)           eSATA         1 (optional)           Interface Module notes         Anytime USB charge functionality           Input device / components         Optical USB tilt wheel mouse           Input devices (optional)         Optical USB rilt wheel mouse           KBPC PX ECO Mouse M440 ECO         Mouse M440 ECO		1
Audio: line-out         1           Front audio: microphone         1           Front audio: headphone         1           USB 2.0 total         12           USB 3.0 total         optional           USB Mront         4           USB rear         6           USB internal         2           VGA         1 (via DVI to VGA adapter, part of shipment)           DisplayPort         1           DVI         1 (Dual link DVI-I)           Serial (RS-232)         1 (Spin, 16 byte FIFO, 16550 compatible)           Mouse / Keyboard (PS/2)         2           Ethernet (RJ-45)         1           Parallel         1 (optional)           usfarface Module notes         Anytime USB charge functionality           Input device / components         Optical USB tilt wheel mouse           Input devices (optional)         Optical USB tilt wheel mouse           KBPC PX ECO Mouse M440 ECO         Mouse M440 ECO		
Front audio: microphone 1  Front audio: headphone 1  USB 2.0 total 12  USB 3.0 total 0ptional 0ptional 1  USB front 4  USB front 4  USB front 4  USB rear 6  USB internal 2  VGA 1 (via DVI to VGA adapter, part of shipment) 1  DisplayPort 1  DVI 1 (Dual link DVI-I)  Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible) 1  Mouse / Keyboard (PS/2) 2  Ethernal (RJ-45) 1 (optional) (25pin with EPP and ECP) 1  ESATA 1 (optional) 4 (optional) 1 (optional) 1  Input device / components		
Front audio: headphone 1 USB 2.0 total 12 USB 3.0 total optional USB front 4 USB rear 6 USB internal 2 VGA 1 (via DVI to VGA adapter, part of shipment) DisplayPort 1 DVI 1 (Dual link DVI-I) Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible) Mouse / Keyboard (PS/2) 2 Ethernet (RJ-45) 1 Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality Input device / components  Optical USB tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Drive bays		
USB 3.0 total optional  USB front 4  USB rear 6  USB internal 2  VGA 1 (via DVI to VGA adapter, part of shipment)  DisplayPort 1  DVI 1 (Dual link DVI-I)  Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible)  Mouse / Keyboard (PS/2) 2  Ethernet (RJ-45) 1  Parallel 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional)  Interface Module notes Anytime USB charge functionality  Input device / components  Optical USB tilt wheel mouse  KBPC PX ECO Mouse M440 ECO  Drive bays		
USB 3.0 total optional  USB front 4  USB rear 6  USB internal 2  VGA 1 (via DVI to VGA adapter, part of shipment)  DisplayPort 1  DVI 1 (Dual link DVI-I)  Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible)  Mouse / Keyboard (PS/2) 2  Ethernet (RJ-45) 1  Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality  Input device / components  Optical USB tilt wheel mouse  Input devices (optional) Optical USB/PS2 tilt wheel mouse  KBPC PX ECO  Mouse M440 ECO  Drive bays		
USB front 4 USB rear 6 USB internal 2 VGA 1 (via DVI to VGA adapter, part of shipment) DisplayPort 1 DVI 1 (Dual link DVI-I) Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible) Mouse / Keyboard (PS/2) 2 Ethernet (RJ-45) 1 Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality  Input device / components Optical USB tilt wheel mouse Input devices (optional) Optical USB tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Drive bays		
USB rear 6 USB internal 2 VGA 1 (via DVI to VGA adapter, part of shipment) DisplayPort 1 DVI 1 (Dual link DVI-I) Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible) Mouse / Keyboard (PS/2) 2 Ethernet (RJ-45) 1 Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality Input device / components Optical USB tilt wheel mouse Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO Drive bays		<u> </u>
USB internal 2 VGA 1 (via DVI to VGA adapter, part of shipment) DisplayPort 1 DV 1 (Dual link DVI-I) Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible) Mouse / Keyboard (PS/2) 2 Ethernet (RJ-45) 1 Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality Input device / components Optical USB tilt wheel mouse Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO Drive bays		
VGA 1 (via DVI to VGA adapter, part of shipment)  DisplayPort 1  DVI 1 (Dual link DVI-I)  Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible)  Mouse / Keyboard (PS/2) 2  Ethernet (RJ-45) 1  Parallel 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional)  Interface Module notes Anytime USB charge functionality  Input device / components  Optical USB tilt wheel mouse  Input devices (optional)  Optical USB/PS2 tilt wheel mouse  KBPC PX ECO  Mouse M440 ECO  Drive bays		
DisplayPort 1 (Dual link DVI-I)  Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible)  Mouse / Keyboard (PS/2) 2  Ethernet (RJ-45) 1  Parallel 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional)  Interface Module notes Anytime USB charge functionality  Input device / components  Optical USB tilt wheel mouse  Input devices (optional)  Optical USB/PS2 tilt wheel mouse  KBPC PX ECO  Mouse M440 ECO  Drive bays		
DVI 1 (Dual link DVI-I) Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible) Mouse / Keyboard (PS/2) 2 Ethernet (RJ-45) 1 Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality Input device / components Optical USB tilt wheel mouse Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO Drive bays		
Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible)  Mouse / Keyboard (PS/2) 2  Ethernet (RJ-45) 1  Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality  Input device / components  Optical USB tilt wheel mouse  Input devices (optional) Optical USB/PS2 tilt wheel mouse  KBPC PX ECO Mouse M440 ECO  Drive bays		<u>'</u>
Mouse / Keyboard (PS/2)  Ethernet (RJ-45)  Parallel  1 (optional) (25pin with EPP and ECP)  eSATA  1 (optional)  Interface Module notes  Anytime USB charge functionality  Input device / components  Optical USB tilt wheel mouse  Input devices (optional)  Optical USB/PS2 tilt wheel mouse  KBPC PX ECO  Mouse M440 ECO  Drive bays		
Ethernet (RJ-45) Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Input device / components Optical USB tilt wheel mouse Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Drive bays		
Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality  Input device / components Optical USB tilt wheel mouse Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Drive bays		
eSATA 1 (optional) Interface Module notes Anytime USB charge functionality  Input device / components Optical USB tilt wheel mouse Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Drive bays		·
Interface Module notes  Input device / components  Optical USB tilt wheel mouse Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Orive bays		
Input device / components  Optical USB tilt wheel mouse Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Drive bays		
Optical USB tilt wheel mouse  Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Drive bays		, any control of the
Input devices (optional) Optical USB/PS2 tilt wheel mouse KBPC PX ECO Mouse M440 ECO  Drive bays	input device / components	Optical LISP tilt wheel mouse
KBPC PX ECO  Mouse M440 ECO  Drive bays	Input devices (setienell	
Mouse M440 ECO  Drive bays	input devices (optional)	
Drive bays		
·		MOUSE MITTO LEO
Drive bays total /		7
	Drive bays total	I .

Page 3 / 8

D. I	
Drive bays	
2.5-inch internal bays	1
3.5-inch internal bays	2
3.5-inch external bays	2
5.25-inch external bays	2
Slots	
PCI-Express 2.0 x16	1 x (180 mm / 7.09 inch) Full height
PCI-Express 2.0 x4 (mech. x16)	1 x (180 mm / 7.09 inch) Full height
PCI-Express x1	1 x (85 mm / 3.35 inch) Full height
PCI (32-bit / 33 MHz)	1 x (180 mm / 7.09 inch) Full height
Graphics on board	
Graphics brand name	ATI Radeon® HD 4250
Shared video memory	up to 2811 MB
TFT resolution (VGA)	1024 x 768 pixel
(* 2. 4)	1280 x 1024 pixel
	1360 x 768 pixel
	1440 x 900 pixel
	1600 x 900 pixel
	1600 x 1200 pixel
	1680 x 1050 pixel
	1920 x 1080 pixel
	1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel
	1440 x 900 pixel
	1600 x 900 pixel
	1680 x 1050 pixel
	1920 x 1080 pixel
	1920 x 1200 pixel
	2560 x 1440 pixel
	2560 x 1600 pixel
TFT resolution (DisplayPort)	1360 x 768 pixel
	1440 x 900 pixel
	1600 x 900 pixel
	1680 x 1050 pixel
	1920 x 1080 pixel
	1920 x 1200 pixel
	2560 x 1440 pixel
	2560 x 1600 pixel
Graphics features	Dual display support
	DirectX 10.1
	HDCP support
	OpenGL® 2.0
	For multi monitoring mode, graphics card and integrated graphics run in parallel (Microsoft® Windows 7® only)
Graphics notes	up to 512 MB dedicated video memory (main memory owned and locked for graphics use)
	Tested resolutions, depending on display type additional resolutions and frequencies possible
	Shared memory depending on main memory size and operating system
	Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz
Floatstanlundur	1 of 11 f we recommend using overz
Electrical values	DOWNER CHARDLE OFFICIAL (at 2201/, 2001 / E001 / 10001 / Land) . 0201 / 0001 / 0001
Power efficiency note	power supply efficiency (at 230V; 20% / 50% / 100% load) : 83% / 86% / 85%
D. J. I.	0-Watt mode with hard-off switch
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	280 W

Page 4 / 8 www.fujitsu.com/fts/ESPRIMO

Electrical values	
Power factor correction/active power	active
Monitor outlet	No
Power consumption	
Power consumption note	See white paper Energy Consumption
	0-Watt mode with hard-off switch
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=82c20b70-e4d5-4c1e-8a03-af8a4a527a2a
Heat dissipation	
Heat dissipation notes	See white paper Energy Consumption
Noise for standard configuration (HDD,	ODD)
Noise emission	According to ISO9296
Related Processors for noise	AMD® Phenom™ II X4 960T
Noise Operation mode 1: ODD load	4.5 B/ 30 dB(A)
(Blue angel requirement)	
Noise Operation mode 2: HDD load	3.7 B/ 22 dB(A)
(Blue angel requirement) Noise Operation mode 3: CPU 90% load	4.4 B/ 30 dB(A)
(Blue angel requirement)	4.4 D/ 30 UD(A)
Noise Operation mode 4: High load	4.5 B/ 30 dB(A)
Noise Operation mode 5: Office	tbd
applications	
Noise Operation mode 5: Office	3.7 B/ 21 dB(A)
applications 2.0	
Idle mode (Blue Angel requirement)	3.7 B/ 21 dB(A)
Noise notes / description	A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)),
	Bystander position
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	175 x 419 x 395 mm
Operating position	Vertical
Weight	approx. 11 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C
Compliance	
Product	ESPRIMO P705
Model	MI5W-D3091
Germany	TÜV GS
Europe	CE N. H. C
USA/Canada	Nordic Swan in progress FCC Class B
USA/Callada	cCSAus
Global	RoHS (Restriction of hazardous substances)
	WEEE (Waste electrical and electronic equipment)
	Microsoft Operating Systems (HCT / HCL entry / WHQL)
	ENERGY STAR®
	EPEAT® Gold (dedicated regions)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/
Additional Software	
Additional software (preinstalled)	Nero Essentials S (burning software)
	Fujitsu Recovery (Hard Disk Based Recovery)
	Norton Internet Security (incl. Firewall) 60 days version Don't forget Office.
	Don't longet office.

Page 5 / 8 www.fujitsu.com/fts/ESPRIMO

Additional Software	
Additional software (optional)	Recovery DVD for Windows®
Additional software (optional)	Drivers & Utilities DVD (DUDVD)
	Optional: CyberLink Power DVD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive)
	Optional. Cybelenik i owel by b (playback software for bid ray bise , only with bid ray bise affect
Miscellaneous	Kouhaard on (Caarial Fuiltry kouhaard required)
	Keyboard on (Special Fujitsu keyboard required) Thermal management
	Extended lifetime
	LAICHUCU IIICIIIIC
Compatibility (references)	
	DMI 2.0
	PC 2001
	WMI 1.5
	USB 2.0
	SMBIOS
Manageability	
Manageability technology	DeskUpdate Driver management
	PXE 2.1 Boot code
	Wake up from S5 (off mode)
	Intrusion switch (optional)
	DASH 1.1 Support (optional) WoL (Wake on LAN)
Managa hilibu as fuuras	DeskView Client
Manageability software	Deskview Criefit DeskView Instant BIOS Management
	Deskview Instant 6103 Management DeskView Integration for Symantec Management Platform
DeskView components	Inventory Management
beskview components	BIOS Management
	Driver Management
	Security Management
	Alarm Management
Manageability link	http://ts.fujitsu.com/manageability
Security	
System protection	Kensington Lock support
-,	Eye for padlock
	Optional: Integrated cabinet lock
Audit proof protection	EraseDisk (optional)
• •	Boot sector virus protection
	Write protect option for the Flash EPROM
	Embedded security (TPM 1.2)
	Control of all USB interfaces
	External USB ports can be disabled separately
	Control of external interfaces
Access protection	User and supervisor BIOS password
	Hard disk password
	Optional: Access protection via external SmartCard reader Optional: Access protection via internal SmartCard reader
	Optional. Access protection via internal smartcard reader
Serviceability	
	EasyFix
	EasyChange for HDD
	EasyChange for optical drives
Packaging information	
Packaging dimension (mm)	516 x 278 x 562 mm
Packaging dimension (inch)	20.31 x 10.94 x 22.13 inch
Max. quantity / pallet	24
M W / \ C .	
Material - Weight (g) Carton	1405 g

Page 6 / 8 www.fujitsu.com/fts/ESPRIMO

Packaging information	
Material - Weight (g) EPS / PS	160 g
Material - Weight (lbs) EPS / PS	0.35 lbs
Material - Weight (g) PE	60 g
Material - Weight (lbs) PE	0.13 lbs
Packaging notes	printed user documentation is bleached in chlorine free process
Warranty	
Standard Warranty	1 year
Service level	Bring-In / On-Site Service (depending on country)
Maintenance and Support Services - I	the perfect extension
Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://www.fujitsu.com/fts/services/support/index.html

## Recommended Accessories

#### Wireless Keyboard Set LX900



The Wireless Keyboard LX900 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set with offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption for security.

S26381-K564-L4\*\* (\*\*: Country specific variation)

#### SOUNDSYSTEM DS E2000 Air



The new more powerful SOUNDSYSTEM DS E2000 Air gives you impressive, well-balanced sound throughout the frequency band. It is an unbeatable USB speaker set with a surprisingly small form factor. The robust satellite speakers are decorated with a deluxe piano finish and the base is adorned with warm ambient lighting.

Order Code: S26391-F7128-L600

#### WebCam 130 HD2



With the most advanced HD (High Definition / 720p) recording feature and Order Code: widescreen video format (16:9 and 16:10), WebCam 130 HD2 can capture up to 30 frame rate per second, close up to HD/720p quality video. Even more: 1-Click-Upload makes the video uploading to YouTube in a snap! With smart clip for notebook & LCD display it is easy to install on any device you

S26391-F7136-L5

#### **HS E2000 Communicator** Headset



The Fujitsu HS E2000 Communicator headset allows you to use your personal computer for Voice over IP (VoIP) in stereo audio quality. This premium headset is designed to provide superb audio quality and comfort for the telephony, internet chat, speech recognition, video conferencing and multimedia applications.

Order Code: S26391-F7139-L5

#### CELVIN® Drive D100



The CELVIN® Drive D100 is a highly reliable external storage device with a standard USB-interface for easy Plug & Play use with a notebook or PC. It is S26341-F103-L118 also easy to set up additional home network capacity by connecting it with dedicated routers or NAS devices.

Order Code:

Page 7 / 8 www.fujitsu.com/fts/ESPRIMO

### More information

#### **Fujitsu OPTIMIZATION Services**

In addition to Fujitsu ESPRIMO P705 E85+, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

#### Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

#### **Computing Products**

www.fujitsu.com/global/services/computing/

#### Software

www.fujitsu.com/software/

#### More information

Learn more about Fujitsu ESPRIMO P705 E85+, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

www.fujitsu.com/fts/ESPRIMO

#### Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at http://www.fujitsu.com/global/about/environment/



#### Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

For further information see www.fujitsu.com/

Copyright © Fujitsu Technology Solutions

#### Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

#### Contact

FUJITSU Technology Solutions Website: www.fujitsu.com/fts 2012-11-06 CE-EN All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.

Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

For further information see www.fujitsu.com/terms

Copyright © Fujitsu Technology Solutions