Fujitsu recommends Windows 10 Pro.



# Data Sheet FUJITSU Workstation CELSIUS W550

## Affordable, Expandable, Scalable

Has your desktop reached the limit in terms of performance, scalability and expandability? Than the FUJITSU CELSIUS W550 desktop workstation is your ideal choice, especially for video editing, MCAD/ electrical CAD or Architecture, Engineering and Construction applications. Enjoy best-in-class low noise emissions of only 18 dB(A) for a quiet and efficient working environment.

#### Abundant performance at an affordable price

Enjoy impressive professional graphics and storage capacity at an affordable price

- Choose between the energy-eficient Intel® Core™ processors or the powerful Intel® Xeon® E3-1200 v5 processor family
- Support of Windows 10 or Linux® operating systems
- Broad choice of graphics cards, starting from the cost-effective integrated Intel graphic card, up to professional 2D and even high-end 3D graphics cards from AMD and NVIDIA
- Boost your storage performance with super-fast PCIe SSDs to provide a quick loading of core applications and reliable high-endurance and business critical drives designed for long-term operation

## Expandability and scalability

For better graphical and storage performance, choose the power model of the CELSIUS W550

- 500W power supply for maximum graphic card configurability: up to the high-end 3D AMD FirePro™ W7000 series as well as the NVIDIA® Quadro ® M4000 graphics cards
- The system will accommodate a total of five storage drives which can add up to an impressive capacity of 27.5 TB

## Whisper quiet design Made in Germany

Fujitsu's desktop workstations are designed, engineered and manufactured in the heart of Europe

- Optimized thermal management and cooling solutions
- NVIDIA® NVS™ 315 fanless graphic card
- Enjoy a silent workplace environment thanks to a low noise emission of only 18 dB(A)

#### Multi-monitor experience

Enjoy maximum viewing capabilities and increase your productivity

- Support 4 monitors when choosing AMD Eyefinity™ or NVIDIA® Mosaic™ technologies
- Up to 8 monitors when selecting Nvidia's professional 2D graphics











# Components

Intel® Core™ 17-6700 processor (4 Cores / 8 Threads, 3.40 GHz, up to 4.0 GHz, 8 MB, Intel® HD Graphics 530) *, ** Intel® Core™ 15-6500 processor (4 Cores / 4 Threads, 3.20 GHz, up to 3.6 Hz, 6 MB, Intel® HD Graphics 530) *, ** Intel® Core™ 13 6100 processor (2 Cores / 4 Threads, 3.20 GHz, up to 3.6 Hz, 6 MB, Intel® HD Graphics 530) *, ** Intel® Xeon® processor E3-128095 (4 Cores / 8 Threads, 3.70 GHz, up to 4.0 GHz, 8 MB) * Intel® Xeon® processor E3-12705 (4 Cores / 8 Threads, 3.70 GHz, up to 4.0 GHz, 8 MB) * Intel® Xeon® processor E3-12705 (4 Cores / 8 Threads, 3.60 GHz, up to 4.0 GHz, 8 MB) * Intel® Xeon® processor E3-12705 (4 Cores / 8 Threads, 3.50 GHz, up to 4.0 GHz, 8 MB) * Intel® Xeon® processor E3-124595 (4 Cores / 8 Threads, 3.50 GHz, up to 3.9 GHz, 8 MB) * Intel® Xeon® processor E3-124595 (4 Cores / 8 Threads, 3.50 GHz, up to 3.9 GHz, 8 MB) * Intel® Xeon® processor E3-124595 (4 Cores / 8 Threads, 3.50 GHz, up to 3.9 GHz, 8 MB) * Intel® Xeon® processor E3-122595 (4 Cores / 8 Threads, 3.30 GHz, up to 3.9 GHz, 8 MB) * Intel® Xeon® processor E3-122595 (4 Cores / 8 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) * Intel® Xeon® processor E3-122595 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) * Intel® Xeon® processor E3-122595 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) * Intel® Xeon® processor E3-122595 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) * Intel® Xeon® processor E3-122595 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) * Intel® Xeon® processor E3-122595 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) * Intel® Xeon® processor E3-122595 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) * Intel® Xeon® processor E3-122595 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) * Intel® Xeon® processor E3-122595 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® D6 GHz,				
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Intel® Xeon® processor E3-1230v5 (4 Cores / 8 Threads, 3.40 GHz, up to 3.8 GHz, 8 MB) *  Intel® Xeon® processor E3-1225v5 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) *  Intel® VPor® with all Intel® Xeon® processors  No Intel® vPor® with all Intel® Xeon® processors  No Intel® vPor® with Intel® Xeon® processors  No Intel® vPor® with all Intel® Xeon® processors  No Intel® vPor® with Intel® Xeon® processors  No Intel® vPor® with Intel® Xeon® processors  with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)  **Deperating system**  **Operating system**  **Operat				
Intel® Xeon® processor E3-1225v5 (4 Cores / 4 Threads, 3.30 GHz, up to 3.7 GHz, 8 MB, Intel® HD Graphics P530) *  Intel® Yeon® processor E3-1220v5 (4 Cores / 4 Threads, 3.00 GHz, up to 3.5 GHz, 8 MB) *  Intel® Yeon® with all Intel® Xeon® processors No Intel® vPoro™ with all Intel® Xeon® processors No Intel® VPoro™ with Intel® Core is and Core i7 processors *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)  **Deperating systems**  **Operating system**  **Op				
Intel® Xeon® processor E3-1220v5 (4 Cores / 4 Threads, 3.00 GHz, up to 3.5 GHz, 8 MB) *  Intel® VPro™ with all Intel® Xeon® processors No Intel® vPro™ withology with Intel® Core i5 and Core i7 processors *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)  **Deparating systems**  **Operating system**  **Operating system**  **Operating system**  **Operating system**  **Operating system compatible**  **Windows 10 Pro Windows 1 Pro Windows 8.1 Pro Windows 7 Professional 64-bit Windows 10 Windows 8.1 Windows 10 Windows 8.1 Windows 8.1 Windows 7 Professional 32-bit Linux  **Microsoft OS support information**  **Microsoft OS support information**  **Microsoft OS support information**  **Microsoft For more information and interest in the system receives full support from Microsoft with Windows 10 Pro only. For any other Microsoft OS installed, this device has limited support from Microsoft OS installed, this device has limited support from Microsoft on Sinstalled, this device has limited support Information, please see Microsoft's Support Lifecycle FAQ.  **Operating system notes**  **Certified for SUSE Enterprise Desktop (pending) Certified for SUSE Enterprise Desktop (pending) Certified for SUSE Enterprise Desktop (pending) Certified for SUSE Enterprise Server (pending) Por some configurations third party drivers are currently not available or configuration restrictions may apply.  **Memory modules**  **A GB (1 module(s) 4 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B GB (1 module(s) 8 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B				
Intel® VPro™ with all Intel® Xeon® processors No Intel® VPro™ technology with Intel® Core I5 and Core I7 processors *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)  **Deparating system**  **Deparating system**  **Deparating system**  **Deparating system**  **Windows 10 Pro Windows 8.1 Pro Windows 8.1 Pro Windows 8.1 Pro Windows 7 Professional 64-bit Windows 7 Professional 64-bit Windows 8.1 Windows 7 Professional 32-bit Linux  **Deparating system compatible**  **Windows 7 Professional 32-bit Windows 7 Professional 32-bit Linux  **Microsoft OS support Information**  **Microsoft OS support Information**  **Microsoft OS support Information**  **Microsoft Information**  **Deparating system notes**  **Certified for Red Hat© Enterprise Linux (pending) Certified for SUSE Enterprise Server (pending) Certified for SUSE Enterprise Server (pending)  **Certified for SUSE Enterprise Server (pending) Certified for SUSE Enterprise Server (pending) For some configurations third party drivers are currently not available or configuration restrictions may apply.  **Memory modules**  **A GB (1 module(s) 4 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **A GB (1 module(s) 8 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **B GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **A GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM**  **Total Carbon Support S				
No Intel® vPro™ technology with Intel® Core i5 and Core i7 processors *with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables)  **Deperating systems**  **Operating system**  **Deperating system**  **Windows 10 Pro Windows 8.1 Pro Windows 8.1 Pro Windows 7 Professional 64-bit Windows 7 Professional 64-bit  **Operating system compatible**  **Windows 7 Professional 32-bit Windows 7 Professional 32-bit Linux**  **Linux**  **Windows 7 Professional 32-bit Linux**  **Windows 10 Windows 10 Pro only. For any other Microsoft with Windows 10 Windows 10 Pro only. For any other Microsoft Windows 10 Windows 10 Pro only. For any other Microsoft Windows 10 Windows 10 Pro only. For any other Microsoft Windows 10 Windows 10 Pro only. For any other Microsoft Windows 10 Pro only				
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Windows 10 Pro   Windows 8.1 Pro   Windows 7 Professional 64-bit   Windows 7 Professional 64-bit   Windows 7 Professional 64-bit   Windows 8.1   Windows 8.1   Windows 8.1   Windows 8.1   Windows 8.1   Windows 8.1   Windows 7 Professional 32-bit   Linux   Windows 7 Professional 32-bit   Linux   Windows 10 Windows 8.1   Windows 10 Windows 10 Pro only. For any other Microsoft with   Windows 10 Windows 10 Pro only. For any other Microsoft   OS installed, this device has limited support from Microsoft. For more information   Wicrosoft. For more information, please see Microsoft: Support Lifecycle FAQ.   Certified for SUSE Enterprise Linux (pending)   Certified for SUSE Enterprise Desktop (pending)   Certified for SUSE Enterprise Desktop (pending)   Certified for SUSE Enterprise Server (pending)   Certified for SU		variables)		
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16 GB (1 module(s) 16 GB) DDR4, unbuffered, ECC, 2,133 MHz, UDIMM				
		16 GB (1 module(s) 16 GB) DDR4, unbuffered, non-ECC, 2,133 MHz, UDIMM		

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iraphics	Others: VGA Extension Card
	High-end 3D: AMD FirePro™ W7100, 8 GB, PCle x16, 4 x DisplayPort
	High-end 3D: NVIDIA® Quadro® M4000, 8 GB, 1344 cores, PCIe x16, 4 x DisplayPort
	Midrange 3D: NVIDIA® Quadro® M2000, 4 GB, 768 cores, PCle x16, 4 x DisplayPort
	Midrange 3D: NVIDIA® Quadro® K2200, 4 GB, 640 cores, PCIe x16, 1x Dual Link DVI-I, 2x DisplayPort
	Midrange 3D: AMD FirePro™ W5100 , 4 GB, PCle x16, 4 x DisplayPort
	Midrange 3D: AMD FirePro™ W4300, 4 GB, 512 stream processors, PCle x16, 4x miniDP, 4x miniDP/DP Adapter
	Entry 3D: NVIDIA® Quadro® K1200, 4 GB, 384 cores, PCle x16, 4x miniDP, 4x miniDP/DP Adapter
	Entry 3D: AMD FirePro <sup>™</sup> W4100, 2 GB, 512 stream processors, PCle x16, 4x miniDP, 4x miniDP/DP Adapter
	Entry 3D: NVIDIA® Quadro® K620, 2 GB, 384 cores, PCIe x16, 1x Dual Link DVI-I, 1x DisplayPort
	Entry 3D: AMD FirePro™ W2100, 2 GB, 320 stream processors, PCle x16, 2x DisplayPort
	Entry 3D: NVIDIA® Quadro® K420, 2 GB, 192 cores, PCIe x16, 1x Dual Link DVI-I, 1x DisplayPort
	Professional 2D: NVIDIA® NVS™ 510, 2 GB, 132 cores, PCle 2.0 x16, 4x miniDP, 4x miniDP/DP Adapter
	Professional 2D: NVIDIA® NVS™ 315, 1 GB, 48 cores, PCIe 2.0 x16, 1x LFH59 (max. 2x DP or 2x DVI-I)
	Professional 2D: NVIDIA NVS 315, Fdb, 40 cores, Fcle 2.0 x16, 1x LFH59 (max. 2x DF of 2x DVI-I)
	Remote Graphics: CELSIUS RemoteAccess Dual Card, PCle x1, 2x miniDP, PCoIP
	Remote Graphics: CELSIUS RemoteAccess Quad Card, PCIe x1, 4x miniDP, PCOIP
nhoe.	Others: DP to DVI-D (single link) Adapter Cable
otes	NVIDIA® Quadro® M4000 and ATI FirePro™ W7100 require CELSIUS W550power.
	NVIDIA® Quadro® M4000 and P4000 require CELSIUS W550power.
ard disk drives (internal)	PCIe-SSD, 512 GB
	PCIe-SSD, 1024 GB
	PCIe-SSD, 512 GB
	PCIe-SSD, 256 GB
	PCIe-SSD, 512 GB Highend, M.2 module
	PCIe-SSD, 256 GB Highend, M.2 module
	PCIe-SSD, 1024 GB Highend, M.2 module
	PCIe-SSD, 512 GB Highend, M.2 module
	PCIe-SSD, 256 GB Highend, M.2 module
	SSD SATA III, 480 GB, 2.5-inch
	SSD SATA III, 240 GB, 2.5-inch
	SSD SATA III, 1024 GB, 2.5-inch
	SSD SATA III, 512 GB, 2.5-inch
	SSD SATA III, 256 GB, 2.5-inch
	SSD SATA III, 512 GB, 2.5-inch, SED
	SSD SATA III, 256 GB, 2.5-inch, SED
	SSD SATA III, 128 GB, 2.5-inch
	SSHD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch
	SSHD SATA III, 5,400 rpm, 500 GB, 2.5-inch
	HDD SATA III, 7,200 rpm, 6,000 GB, 3.5-inch, business critical
	HDD SATA III, 7,200 rpm, 4,000 GB, 3.5-inch, business critical
	HDD SATA III, 7,200 rpm, 2,000 GB, 3.5-inch, business critical
	HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch, business critical
	HDD SATA III, 7,200 rpm, 2,000 GB, 2.5-inch, business critical
	HDD SATA III, 7,200 rpm, 1,000 GB, 2.5-inch, business critical
	HDD SATA III, 7,200 rpm, 1000 GB, 2.5-inch, enhanced availability
	HDD SATA III, 7,200 rpm, 500 GB, 2.5-inch, enhanced availability
	HDD SATA III, 7,200 rpm, 2,000 GB, 3.5-inch
	HDD SATA III, 7,200 rpm, 1,000 GB, 3.5-inch
	HDD SATA III, 7,200 rpm, 500 GB, 3.5-inch
	HDD SATA II, 5,400 rpm, 500 GB, 2.5-inch*

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Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. 24/7 ready (business critical HDDs required) Up to 20 GB of HDD space is reserved for system recovery SSHD (Solid State Hard Disk, Hybrid drive) SED (Self-Encrypting Drive)
	SSD (Solid State Disk)
Drives (optional)	BD Triple Writer SATA ultra slim (tray)
	DVD-ROM
	DVD Super Multi
	DVD Super Multi ultra slim (tray)
	MultiCard Reader 24in1 USB 2.0 3.5"
Interface add on cards/components (optional)	
	WLAN 802.11ac (2x2) PCIe x1 FH and BT 4.1 (dedicated regions only, up to BT 4.2 depending on OS version)
	WLAN 802.11ac (2x2) PCIe x1 FH (dedicated regions only)
	Parallel Interface
	Gigabit Ethernet PCle x1, DS
	eSATA Interface
	Dual serial card PCIe x1
Base unit	CELSIUS W550 CELSIUS W550power
Mainboard	
Mainboard type	D3417
Formfactor	μΑΤΧ
Chipset	Intel® C236
Processor socket	LGA 1151
Processor quantity maximum	1
Supported capacity RAM (max.)	64 GB
Memory slots	4 DIMM (DDR4) ECC/non-ECC
Memory frequency	2,133 MHz
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.
LAN	10/100/1,000 MBit/s Intel® I219LM
BIOS version	AMI Aptio V
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI) CSM (Compatibility Support Module)
Audio type	On board
Audio codec	Realtek ALC671
Audio features	Internal speaker supports audio playback (optional), High Definition audio, 5.1 surround sound
I/O controller on board	
Serial ATA total	6
thereof SATA III	6
thereof eSATA	2 (optional)
Controller functions	Serial ATA III (6 Gbit) NCQ AHCI RAID 0/1/5/10
Interfaces	- · · · · · · · · · · · · · · · · · · ·
Audio: line-in	1
	1
Audio: line-in / microphone Audio: line-out	1
משוט. וווופ־טענ	I

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Internal speakers
Front audio: headphone         1           Internal speakers         1           USB 2.0 total         6           USB 3.1 Gen1 (USB 3.0) total         7           USB front         2x USB 2.0; xx USB 3.0           USB internal         2x USB 2.0; xx USB 3.0           VGA         optional: via adapter card           Displayort         2           Serial (RS-232)         1 (9pin, 16 byte FIFO, 16550 compatible)           Mouse (Reyboard (PS/2)         2           Ethernet (RJ-45)         1 (optional) (25pin with EPP and ECP)           eSATA         1 (optional)           Interface Module notes         Anytime USB charge functionality           Input device / components         Keyboard Mouse MANUE (RSPC ECO MOUSE MANUE (SPC ECO MOUSE MANUE (SPC EX EX)           Mouse MANUE ECO Space Explorer USB         SPC PX ECO MOUSE MANUE (SPC EX EX)           Urive bays         Drive bays Lot         9           Drive bays         Provise Explorer USB         9           Drive bays total         7         9         9           2.5-inch internal bays         2         9         9           2.5-inch internal bays         2         9         9           2.5-inch internal bays         1         1         1
Internal speakers         1           USB 2.0 total         6           USB 3.1 Gen1 (USB 3.0) total         7           USB front         2x USB 2.0; 2x USB 3.0           USB internal         2x USB 2.0; 4x USB 3.0           USB internal         2x USB 2.0; 4x USB 3.0           VGA         optional: via adapter card           DisplayPort         2           DIV         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         Mouse MAD ECO           Mouse MAD ECO         Space Explorer USB           Drive bays         Explorer USB           Drive bays         1           Drive bays total         7           2.5-inch internal bays         2           3.5-inch internal bays         2           3.5-inch external bays         2           2.5-inch external bays         2           2.5-inch external bays         1 x on mainboard (for PCle SSD modules)         1 x on mainboard (for PCle SSD modules)
USB 3.1 Gen1 (USB 3.0) total 7  USB 1.5 Gen1 (USB 3.0) total 7  USB 1.5 Gen1 (USB 3.0) total 2 × USB 2.0; 2× USB 3.0  USB rear 2× USB 2.0; 4× USB 3.0  USB internal 2× USB 2.0 + 1× USB 3.0  VCA optional: via adapter card  DisplayPort 2  DVI 1 (DVI-D)  Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible)  Mouse / Keyboard (PS/2) 2  Ethernet (RJ-45) 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional) (25pin with ESB charge functionality  Input device / components  Input device optional)
USB 1. Gen1 (USB 3.0) total 2x USB 2.0; 2x USB 3.0 USB rear 2x USB 2.0; 4x USB 3.0 USB rear 2x USB 2.0; 4x USB 3.0 USB rear 2x USB 2.0 + 1x USB 3.0 USB rear 2x USB 2.0 + 1x USB 3.0 USB rear 2x USB 2.0 + 1x USB 3.0 USB rear 2x USB 2.0 + 1x USB 3.0 USB rear 3x USB 2.0 + 1x USB 3.0 USB rear 3x USB 2.0 + 1x USB 3.0 USB rear 3x USB 2.0 + 1x USB 3.0 USB rear 3x USB 2.0 + 1x USB 3.0 USB 2.0 US
USB front 2x USB 2.0; 2x USB 3.0  USB rear 2x USB 2.0; 4x USB 3.0  VGA optional: via adapter card  DisplayPort 2  DVI 1 (DVI-D)  Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible)  Mouse / Keyboard (PS/2) 2  Ethernet (R)-45) 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional) 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional) 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional) 1 (optional) (25pin with EPP and ECP)  eSATA 1 (optional) 1 (optional) (25pin with EPP and ECP)  eSATA (abuse / Keyboard Mouse (Stape functionality)  Input device / components  Input device (optional) Keyboard (Mouse M440 ECO Space Explorer USB  Drive bays  Drive bays  Enhance Module notes 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
USB rear 2x USB 2.0; 4x USB 3.0  USB titernal 2x USB 2.0 + 1x USB 3.0  VGA optional: via adapter card  DisplayPort 2  DIV 1 (DVI-D)  Serial (RS-232) 1 (9pin, 16 byte FIFO, 16550 compatible)  Mouse (R9-45) 1 (optional) (25pin with EPP and ECP)  eSATA 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  Input device (optional)
USB internal         2x USB 2.0 + 1x USB 3.0           VGA         optional: via adapter card           DisplayPort         2           DVI         1 (DV-D)           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         Keyboard Mouse (RBP PX ECG Mouse M440 ECG)           Mouse (RBP PX ECG Mouse M440 ECG)         Space Explorer USB           Drive bays         1           Drive bays         1           2-5-inch internal bays         1           3-5-inch internal bays         2           3-5-inch external bays         2           2-5-25-inch external bays         2           2-5-280         1 to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs         1x on mainboard (for PCle SSD modules)           Bots         PCI-Express 3.0 x1         2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height
VGA       optional: via adapter card         DisplayPort       2         DVI       1 (DVI-D)         Serial (RS-232)       1 (Spin, 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       Mouse         Input devices (optional)       Keyboard Mouse MA40 ECO Space Explorer USB         Drive bays       For Secondary (SB)         Drive bays       1       9         2.5-inch internal bays       1       1         3.5-inch internal bays       2       2         3.5-inch external bays       2       2         8.2-2280       Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs       Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs         Mc2-2280       1 x on mainboard (for PCle SSD modules)       1 x on mainboard (for PCle SSD modules)         Slots         PCI-Express 3.
DisplayPort         2           DVI         1 (DVI-D)           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)           Input device / components         Anytime USB charge functionality           Input device (optional)         Keyboard Mouse KBPC PX ECO Mouse M440 ECO Space Explorer USB           Drive bays         9           Drive bays total         7         9           2.5-inch internal bays         1         1           3.5-inch external bays         2         4           3.5-inch external bays         2         2           5.5-inch external bays         2         2           M.2-2280         1 x on mainboard (for PCIe SSD modules)         1 x on mainboard (for PCIe SSD modules)           Slots         PCI- Express 3.0 x4 (mech. x16)         1 x (170 mm / 16.69 inch) Full height
DVI         1 (DVI-D)           Serial (RS-232)         1 (9pin, 16 byte FIFO, 16550 compatible)           Mouse / Keyboard (PS/2)         2           Ethernet (RJ-45)         1 (optional) (25pin with EPP and ECP)           eSATA         1 (optional)           Interface Module notes         Anytime USB charge functionality           Input device / components         Keyboard Mouse KBPC PX ECO KBPC CO Space Explorer USB           Mouse MAV4 ECO Space Explorer USB         9           2.5-inch internal bays         1           2.5-inch internal bays         2           2.5-inch external bays         1           3.5-inch external bays         2           2.5-inch external bays         1           3.5-inch external bays         2           2.5-inch external bays         1           3.6-inch external bays         1           4.7-2280         1 x on mainboard (for PCle SSD modules)           4.2-2280         1 x on mainboard (for PCle SSD modules)           5lots           PCI-Express 3.0 x4 (mech. x16)         1 x (340 mm / 170 mm / 16
Serial (RS-232)         1 (9pin, 16 byte FIF0, 16550 compatible)           Mouse / Keyboard (PS/2)         2           Ethernet (RJ-45)         1 (optional) (25pin with EPP and ECP)           eSATA         1 (optional)           Interface Module notes         Anytime USB charge functionality           Input device / components         Keyboard Mouse RBPC PX ECO Mouse M440 ECO Space Explorer USB           Mouse M440 ECO Space Explorer USB         Space Explorer USB           Drive bays         1           2.5-inch internal bays         1           3.5-inch internal bays         2           2.5-inch external bays         2           2.5-inch external bays         2           2.5-inch external bays         2           2.5-inch external bays         2           2.5-tinch external bays         2           2.5-tinch external bays         1 x on mainboard (for PCle SSD modules)           M.2-2280         1 x on mainboard (for PCle SSD modules)           Slots           PCI-Express 3.0 x1         2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height           PCI-Express 3.0 x4 (mech. x16)         1 x (170 mm / 6.69 inch) Full height
Mouse / Keyboard (PS/2)       2         Ethernet (RJ-45)       1 (optional) (25pin with EPP and ECP)         eSATA       1 (optional)         Interface Module notes       Anytime USB charge functionality         Input device / components       Keyboard Mouse KBPC PX ECO Mouse M440 ECO Space Explorer USB         Drive bays       7       9         2.5-inch internal bays       1       1         3.5-inch internal bays       2       2         3.5-inch external bays       2       2         5.2-inch external bays       1       1         6.2-2280       1x on mainboard (for PCle SSD modules)       1x on mainboard (for PCle SSD modules)         M.2-2280       1x on mainboard (for PCle SSD modules)       1x on mainboard (for PCle SSD modules)         FCl-Express 3.0 x1       2x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height       1x (170 mm / 6.69 inch) Full height
Ethernet (R)-45) 1 (optional) (25pin with EPP and ECP)   eSATA 1 (optional)   Interface Module notes Anytime USB charge functionality   Input device / components Keyboard Mouse RBPC PX ECO Mouse M440 ECO Space Explorer USB   Drive bays 5 Mouse M440 ECO Space Explorer USB   Drive bays total 7 9   2.5-inch internal bays 1 1   3.5-inch internal bays 2 4   3.5-inch external bays 2 4   3.5-inch external bays 2 2   5.25-inch external bays 2 2   5.25-inch external bays 1 1   5.25-inch external bays 2 2   5.25-inch external bays 2 2   5.25-inch external bays 1 2   5.25-inch external bays 1 2   5.25-inch external bays 2 2   5.25-inch external bays 2 2   5.25-inch external bays 1 2   6.22-280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)   M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)   Slots PCl-Express 3.0 x4 (mech. x16) 1 x (170 mm / 13.39 inch / 6.69 inch) Full height
Parallel 1 (optional) (25pin with EPP and ECP) eSATA 1 (optional) Interface Module notes Anytime USB charge functionality  Input device / components Input devices (optional) Keyboard Mouse KBPP PX ECO Mouse M440 ECO Space Explorer USB  Drive bays  Drive bays  Drive bays  1 7 9 9 2.5-inch internal bays 1 1 3.5-inch external bays 2 2 4 3.5-inch external bays 2 2 5.5-inch external bays 2 2 5.5-inch external bays 2 2 5.5-inch external bays 3 1 x on mainboard (for PCIe SSD modules) 1 x on mainboard (for PCIe SSD modules)  Na-2-2280 1 x on mainboard (for PCIe SSD modules) 1 x on mainboard (for PCIe SSD modules)  Slots  PCI-Express 3.0 x1 (mech. x16) 1 x (170 mm / 16.99 inch) Full height  PCI-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
eSATA 1 (optional) Interface Module notes Anytime USB charge functionality  Input device / components  Input devices (optional)  Mouse KBPC PX ECO Mouse Explorer USB  Drive bays  Drive bays  Drive bays total 7 9 2.5-inch internal bays 1 1 3.5-inch internal bays 2 4 3.5-inch external bays 2 2 3.5-inch external bays 3 2 3.5-inch external bays 4 2 3.5-inch external bays 5 2 3.5-inch external bays 6 2 5.25-inch external bays 7 8 3.5-inch external bays 8 1 3.5-inch external bays 9 2 5.5-inch external bays 9 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Input device / components  Input device (optional)  Keyboard Mouse KBPC PX ECO Mouse M440 ECO Space Explorer USB  Drive bays  Drive bays total  2.5-inch internal bays  3.5-inch external bays  2 3.5-inch external bays  2 5.25-inch external bays  2 Drive bay notes  Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs  M.2-2280  Drive bay notes  Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs  M.2-2280  Slots  PCI-Express 3.0 x1  2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height  PCI-Express 3.0 x4 (mech. x16)  A Keyboard  Mouse KBPC PX ECO Mouse Mouse KBPC PX ECO Mous
Input device / components  Input devices (optional) Keyboard Mouse KBPC PX ECO Mouse M440 ECO Space Explorer USB  Drive bays  Drive bays  1 9 2.5-inch internal bays 1 3.5-inch external bays 2 3.5-inch external bays 3 3.5-inch external bays 4 3.5-inch external bays 4 3.5-inch external bays 5 3.5-inch external bays 6 3.5-inch external bays 7 4 3.5-inch external bays 9 5.5-inch external bays 9 5.5-inch external bays 10 5.5-inch external
Input devices (optional)  Keyboard Mouse KBPC PX ECO Mouse M440 ECO Space Explorer USB   Drive bays  Drive bays total  7  2.5-inch internal bays  1  3.5-inch internal bays  2  3.5-inch external bays  2  5.25-inch external bays  2  Drive bay notes  Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs  M.2-2280  Drive bay notes  Vun to n mainboard (for PCIe SSD modules)  1 x on mainboard (for PCIe SSD modules)  Slots  PCI-Express 3.0 x1  2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height  PCI-Express 3.0 x4 (mech. x16)  Xe vertical services where the subject of t
Input devices (optional)  Keyboard Mouse KBPC PX ECO Mouse M440 ECO Space Explorer USB   Drive bays  Drive bays total  7  2.5-inch internal bays  1  3.5-inch internal bays  2  3.5-inch external bays  2  5.25-inch external bays  2  Drive bay notes  Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs  M.2-2280  Drive bay notes  Vun to n mainboard (for PCIe SSD modules)  1 x on mainboard (for PCIe SSD modules)  Slots  PCI-Express 3.0 x1  2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height  PCI-Express 3.0 x4 (mech. x16)  Xe vertical services where the subject of t
Mouse KBPC PX ECO Mouse M440 ECO Space Explorer USB  Drive bays  Drive bays total 7 9  2.5-inch internal bays 1 1 1  3.5-inch internal bays 2 4  3.5-inch external bays 2 2  5.25-inch external bays 2 2  Drive bay notes Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs M.2-2280 1 x on mainboard (for PCIe SSD modules)  Slots  PCI-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height  PCI-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
KBPC PX ECO Mouse M440 ECO Space Explorer USB           Drive bays           Drive bays total         7         9           2.5-inch internal bays         1         1           3.5-inch internal bays         2         4           3.5-inch external bays         2         2           5.25-inch external bays         2         2           5.25-inch external bays         2         2           Drive bay notes         Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs         Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs           M.2-2280         1 x on mainboard (for PCle SSD modules)         1 x on mainboard (for PCle SSD modules)           Slots           PCl-Express 3.0 x1         2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height           PCl-Express 3.0 x4 (mech. x16)         1 x (170 mm / 6.69 inch) Full height
Space Explorer USB           Drive bays           Drive bays total         7         9           2.5-inch internal bays         1         1           3.5-inch external bays         2         4           3.5-inch external bays         2         2           5.25-inch external bays         2         2           Drive bay notes         Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs         Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs           M.2-2280         1 x on mainboard (for PCle SSD modules)         1 x on mainboard (for PCle SSD modules)           Slots           PCl-Express 3.0 x1         2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height           PCl-Express 3.0 x4 (mech. x16)         1 x (170 mm / 6.69 inch) Full height
Drive bays total 7 9  2.5-inch internal bays 1 1  3.5-inch internal bays 2 4  3.5-inch external bays 2 2  5.25-inch external bays 2 2  5.25-inch external bays 2 2  Drive bay notes Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs  M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)  Slots  PCI-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height  PCI-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
Drive bays total 7 9  2.5-inch internal bays 1 1  3.5-inch internal bays 2 4  3.5-inch external bays 2 2  5.25-inch external bays 2 2  Drive bay notes Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs  M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)  Slots  PCI-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height  PCI-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
2.5-inch internal bays 2 3.5-inch internal bays 2 3.5-inch external bays 2 5.25-inch external bays 2 5.25-inch external bays 2 Drive bay notes Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)  Slots PCl-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height PCl-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
3.5-inch internal bays 2 3.5-inch external bays 2 5.25-inch external bays 2 5.25-inch external bays 2 Drive bay notes Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)  Slots PCI-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height PCI-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
3.5-inch external bays 2 5.25-inch external bays 2 Drive bay notes Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)  Slots PCI-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height PCI-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
5.25-inch external bays  2 Drive bay notes Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)  Slots PCl-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height PCl-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
Drive bay notes Up to 1x 2.5-inch HDDs and up to 2x 2.5/3.5-inch HDDs Up to 1x 2.5-inch HDDs and up to 4x 2.5/3.5-inch HDDs M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)  Slots PCl-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height PCl-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
M.2-2280 1 x on mainboard (for PCle SSD modules) 1 x on mainboard (for PCle SSD modules)  Slots  PCl-Express 3.0 x1 2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height  PCl-Express 3.0 x4 (mech. x16) 1 x (170 mm / 6.69 inch) Full height
Slots           PCI-Express 3.0 x1         2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height           PCI-Express 3.0 x4 (mech. x16)         1 x (170 mm / 6.69 inch) Full height
PCI-Express 3.0 x1       2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height         PCI-Express 3.0 x4 (mech. x16)       1 x (170 mm / 6.69 inch) Full height
PCI-Express 3.0 x1       2 x (340 mm / 170 mm / 13.39 inch / 6.69 inch) Full height         PCI-Express 3.0 x4 (mech. x16)       1 x (170 mm / 6.69 inch) Full height
<b>PCI-Express 3.0 x4 (mech. x16)</b> 1 x (170 mm / 6.69 inch) Full height
TA 15 min
Graphics on board
Graphics brand name Intel® HD Graphics P530, Intel® HD Graphics 530
Shared video memory up to 1,782 MB
TFT resolution (VGA) 1,024 x 768 pixel
1,280 x 1,024 pixel
1,360 x 768 pixel
1,440 x 900 pixel
1,600 x 900 pixel
1,600 x 1,200 pixel
1,680 x 1,050 pixel 1,920 x 1,080 pixel
TFT resolution (DVI) 1,280 x 1,000 pixel
1,360 x 768 pixel
1,440 x 900 pixel
1,600 x 900 pixel
1,680 x 1,050 pixel
1,920 x 1,080 pixel
1,920 x 1,200 pixel

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Craphics on heard			
Graphics on board TFT resolution (DisplayPort)	1,280 x 1,024 pixel		
TEL resolution (DisplayPort)	1,280 x 1,024 pixel 1,360 x 768 pixel		
	1,440 x 900 pixel		
	1,600 x 900 pixel		
	1,680 x 1,050 pixel		
	1,920 x 1,080 pixel		
	1,920 x 1,200 pixel		
	2,560 x 1,440 pixel		
	2,560 x 1,600 pixel		
	3,840 x 2,160 pixel 4,096 x 2,304 pixel		
Graphics features	Support for up to three independent displays		
	DirectX® 12		
	HDCP support		
	OpenCL™ 2.0 (requires Intel® Core™ i3, i5 or i7 processors)		
	OpenGL® 4.4		
	One DisplayPort connector can be converted to DVI-D or HD		
	For multi monitoring mode, graphics card and integrated g DisplayPort interface supports Ver. 1.2 incl. Multi-Stream	Tapnics full in paraller	
	DVI-D interface supports audio output for HDMI monitors		
Graphics notes	up to 1 GB dedicated video memory (main memory owned		
	Tested resolutions, depending on display type additional re		
	Shared memory depending on main memory size and open	rating system	
	Resolution (color depth up to 32 Bit/pixel)		
	For TFT we recommend using 60Hz		
Electrical values Power efficiency note	power supply efficiency (at 230V; 10% / 20% / 50% / 100%	power supply efficiency (at 230V; 10% / 20% / 50% / 100%	
Power efficiency note	load): 84% / 88% / 92% / 90%	load): 84% / 91% / 93% / 91%	
Rated voltage range	100 V - 240 V	100 V - 240 V	
Rated frequency range	50 Hz - 60 Hz	50 Hz - 60 Hz	
Operating voltage range	90 V - 264 V	90 V - 264 V	
Operating line frequency range	47 Hz - 63 Hz	47 Hz - 63 Hz	
Max. output of single power supply	300 W	500 W	
Power factor correction/active power	active	active	
Power supply output		1 graphics power rail (6pin connector / 17A@12V)	
Noise for standard configuration (HDD,	ODD)		
Noise emission	According to ISO9296	According to ISO9296	
Related Processors for noise	Intel® Xeon® E3-1275v5	Intel® Xeon® E3-1275v5	
Standard noise emission	4x8 GB, HDD, ODD, Windows	4x8 GB, HDD, ODD, Windows	
Standard Holse Chrission	According to ISO 7779:2010, ECMA-74	According to ISO 7779:2010, ECMA-74	
Standard noise notes / description	A-weighted sound power level Lwad (in B) / Workplace	A-weighted sound power level Lwad (in B) / Workplace	
<del> </del>	related A-weighted sound pressure level LpAm (in dB(A))	related A-weighted sound pressure level LpAm (in dB(A))	
	(depending on configuration)	(depending on configuration)	
Standard noise operation mode: CPU 50% load	3.5 B / 20 dB(A) Bystander position	3.5 B / 21 dB(A) Bystander position	
Standard noise operation mode: CPU	3.5 B / 21 dB(A) Bystander position	3.5 B / 22 dB(A) Bystander position	
90% load			
Standard noise operation mode: HDD load	3.5 B / 21 dB(A) Bystander position	3.5 B / 21 dB(A) Bystander position	
Standard noise operation mode: Idle	3.3 B / 19 dB(A) Bystander position	3.4 B / 21 dB(A) Bystander position	
mode			
Standard noise operation mode: ODD load	4.3 B / 29 dB(A) Bystander position	4.4 B / 29 dB(A) Bystander position	
Standard noise operation mode: Office applications 2.0	3.3 B / 19 dB(A) Bystander position	3.4 B / 21 dB(A) Bystander position	
Blue angel noise emission according	According to ISO 7779:2010, ECMA-74	According to ISO 7779:2010, ECMA-74	
certification	for max. possible configuration	for max. possible configuration	

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Blue angel noise notes / description	A-weighted sound power level Lwad (in B); 1B = 10dB	A-weighted sound power level Lwad (in B); 1B = 10dE
Blue angel noise operation mode: HDD	3.6 B = 36 dB (A)	3.9 B = 44 dB (A)
oad	3.0 D - 30 UD (A)	3.9 b - 44 ub (A)
Blue angel noise operation mode: Idle mode	3.6 B = 36 dB (A)	3.9 B = 44 dB (A)
Blue angel noise operation mode: ODD load	4.4 B = 44 dB (A)	4.4 B = 44 dB (A)
Dimensions / Weight / Environmental		
Dimensions (W x D x H)	175 x 419 x 395 mm	
	6.89 x 16.5 x 15.56 inch	
Operating position	Vertical	
Weight	approx. 11 kg	approx. 14 kg
Weight (lbs)	approx. 24.25 lbs	approx. 30.86 lbs
Weight notes	Actual weight may vary depending on configuration	
Operating ambient temperature	10 - 35 °C (50 - 95 °F)	
Operating relative humidity	5 - 85 % (relative humidity)	
Compliance		
Product	CELSIUS W550	CELSIUS W550power
Model	MI5W	·
Germany	GS (planned)	
Еигоре	CE	
USA/Canada	FCC Class B cCSAus	
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) EPEAT® Gold (dedicated regions) (planned) ENERGY STAR® 6.1 (dedicated regions)	
China	CCC (planned) China RoHS	
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates	
Additional Software		
Additional software (preinstalled)	Workplace Protect (secure authentication solution) Adobe® Reader® (pdf reader) McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version) Win7: Fujitsu Recovery (hard disk based recovery) Win8: Microsoft Push Button Recovery (hard disk based recovery) Microsoft Office (buy license to activate the pre-installed Microsoft Office)	
Additional software (optional)	Recovery DVD for Windows®  Drivers & Utilities DVD (DUDVD)  CyberLink PowerDVD BD (playback software for Blu-ray Disc™)  CyberLink PowerDVD DVD (playback software for DVD)  Nero Essentials XL	
Security		
Physical Security	Kensington Lock support Eye for padlock Integrated cabinet lock (optional)	Kensington Lock support Eye for padlock Integrated cabinet lock (optional)
System and BIOS Security	Embedded security (TPM 2.0) EraseDisk (optional) Boot sector virus protection Write protect option for the Flash EPROM Control of all USB interfaces External USB ports can be disabled separately Control of external interfaces	Embedded security (TPM 2.0) EraseDisk (optional) Boot sector virus protection Write protect option for the Flash EPROM Control of all USB interfaces External USB ports can be disabled separately Control of external interfaces

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Security		
User Security	User and supervisor BIOS password	User and supervisor BIOS password
osci seedinty	Hard disk password	Hard disk password
	Access protection via external SmartCard reader (optional)	Access protection via external SmartCard reader (optional
	Access protection via internal SmartCard reader (optional)	Access protection via internal SmartCard reader (optiona
Workplace Embedded Tools	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server (optional)	Auto BIOS Update via Fujitsu Server Auto BIOS Update via customer server (optional)
	Easy PC Protection (optional)	Easy PC Protection (optional)
	Easy Restore (optional)	Easy Restore (optional)
 Manageability		
Manageability technology	DeskUpdate Driver management	
	PXE 2.1 Boot code	
	Wake up from S5 (off mode)	
	Intrusion switch (optional) WoL (Wake on LAN)	
	iAMT 11.0 (depending on processor)	
Manageability software	DeskView Client	
	DeskView Instant BIOS Management	
DeskView components	On/Offline remote client management	
	Detailed system inventory management and reports BIOS Management	
	Remote power management	
	System notifications	
	Security Remote Control	
	DeskView Helpdesk Integration	
	WoL (Wake on LAN)	
Supported standards	DMI (Desktop Management Interface) SMBIOS (System Management BIOS)	
	PXE (Preboot Execution Environment)	
	WMI (Windows Management Instrumentation)	
	WBEM (Web Based Enterprise Management)	
Late to 1	CIM (Common Information Model)	
Manageability link	http://www.fujitsu.com/fts/manageability	
Miscellaneous	W	W
	Keyboard on (Special Fujitsu keyboard required) Thermal management	Keyboard on (Special Fujitsu keyboard required) Thermal management
	Extended lifetime 24/7 (limited configurations)	Extended lifetime 24/7 (limited configurations)
Packaging information		-
Packaging dimension (mm)	516 x 278 x 562 mm	516 x 278 x 562 mm
Packaging dimension (inch)	20.31 x 10.94 x 22.13 inch	20.31 x 10.94 x 22.13 inch
Max. quantity / pallet	24	24
Material - Weight (g) Carton	1280 g	1280 g
Material - Weight (lbs) Carton	2.82 lbs	2.82 lbs
Material - Weight (g) EPS / PS	190 g	190 g
Material - Weight (lbs) EPS / PS	0.42 lbs	0.42 lbs
Material - Weight (g) PE	60 g	60 g
Material - Weight (lbs) PE	0.13 lbs	0.13 lbs
Packaging notes	printed user documentation is bleached in chlorine free process	printed user documentation is bleached in chlorine free process
Varranty		
Warranty period	3 years (depending on country)	
Warranty type	Bring-In / Onsite Service (for countries within region EMEIA	A, for all other countries depending on local regulations)
Warranty Terms & Conditions Product Support Services - the perfect	http://support.ts.fujitsu.com/warranty t extension	
Recommended Service	9x5, Onsite Response Time: Next Business Day	
Spare Parts availability	5 years after end of product life	
Service Weblink	http://www.fujitsu.com/fts/services/support	

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# Recommended Accessories

Display P27T-7 UHD



For pixel, color and performance-hungry professionals using demanding applications, look no further than the FUJITSU P27T-7 UHD Display. It provides outstanding picture quality with Ultra High Definition (UHD) resolution, also known as 4k. Picture in Picture (PiP), unrivalled ergonomics, a multitude of UHD supporting interfaces and manageability make this the perfect choice.

Order Code: S26361-K1564-V140

SpaceMouse™ Pro



Using the SpaceMouse™ Pro 3D mouse to navigate 3D models or environments is as simple as holding them in your hand. A slight movement of the controller cap delivers easy and precise control. SpaceMouse™ Pro is a companion to the traditional mouse and is operated with the free hand. Your traditional mouse hand is free to select, create and edit.

Order Code: S26381-K459-L100

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# More information

#### Fujitsu OPTIMIZATION Services

In addition to the FUJITSU Workstation CELSIUS W550, 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/products/computing/

#### Software

www.fujitsu.com/software/

#### More information

Learn more about the FUJITSU Workstation CELSIUS W550, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. www.fujitsu.com/fts/CELSIUS

#### 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 contribute to the creation of a sustainable environment for future generations through IT. Please find further information at http://www.fujitsu.com/global/about/environment



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