

Fujitsu recommends Windows 10 Pro.

# Data Sheet

## FUJITSU CELSIUS H780

### Mobile Workstation



## Mobility, Security and Virtual Reality.

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FUJITSU CELSIUS H780 combines ultimate security with future technologies. While creatives and innovators are working on increasingly huge datasets, this machine will not weigh them down when showcasing designs in virtual reality at events or at the customer site.

### Mobile Workstation meets security

When true workstation performance meets the elegant style of a laptop

- Windows 10 Pro for Workstations
- UHD/4K and Full HD LED anti-glare displays
- Up to 64 GB DDR4 2400 MHz memory
- M.2 SSDs PCIe NVMe technology supports quick loading of core applications
- Made in Japan



### Full connectivity and worry-free docking experience

No compromise in terms of port connectivity, regardless of whether you are away, in a meeting or at your desk

- 2 USB Type-C™ connector offering speed (40 Gbps), protocols (including Thunderbolt™ 3) and charging capabilities (power delivery of 15W)
- Full monitor connectivity support: 1 VGA and 1 HDMI
- Choice of port replicators with mechanical or Thunderbolt™ 3 connector



### Maximum security

Data security and peace of mind

- Optional PalmSecure™, a leading-edge highly secure authentication system using biometric technology that authenticates users through vein pattern recognition
- Integrated Smartcard reader
- TPM 2.0 and Advanced Theft Protection

### We are (VR) ready

Architects, engineers and designers can now showcase their work in a real-time, fully immersive VR environment

- Powered by the NVIDIA® Quadro® P3200 VR-ready graphics card
- Ideal for mobile VR showcases at the customer site or at an event
- Easy connectivity of the head-mount display to the HDMI port

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# Specification

<b>Processor family</b>	Intel® Core™ i7-8850H Processor (6 Cores, 9M SmartCache, 2.6 GHz, up to 4.3 GHz, Intel® vPro™)
<b>Chipset</b>	Intel® QM370
<b>Operating system</b>	Windows 10 Pro <sup>1</sup>
<b>Maximum RAM capacity</b>	64 GB
<b>Memory slots</b>	4 DIMM (DDR4)
<b>Internal storage<sup>2</sup></b>	SSD SATA, 256 GB / 512 GB, M.2, SED/OPAL 2 SSD PCIe NVMe 512 GB / 1 TB, M.2, SED/OPAL 2 HDD SATA 500 GB / 1 TB
<b>Display</b>	39.6 cm (15.6"), LED backlight, (Full HD), Anti-glare, WVA, 1,920 x 1,080 pixel, 700:1, 300cd/m <sup>2</sup> 39.6 cm (15.6"), LED backlight, (4K UHD), Anti-glare, WVA, 3,840 x 2,160 pixel, 700:1, 300cd/m <sup>2</sup>
<b>Graphics</b>	NVIDIA® Quadro® P1000 4 GB GDDR5: 512 CUDA Cores NVIDIA® Quadro® P3200 6 GB GDDR5: 1792 CUDA Cores
<b>LAN</b>	Built-in 10/100/1000 MBit/s, Intel® 219LM
<b>WLAN (Optional)</b>	Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5.0
<b>Camera (Optional)</b>	Built-in webcam, 2.0 megapixel
<b>Audio</b>	Stereo Speakers, 2 digital microphones
<b>Interfaces</b>	1 DC-in 1 Combo audio/microphone 2 USB 3.1 Gen 2 1 USB 3.1 Gen 1 2 Thunderbolt 3™ (Type-C™) (Up to 40 Gbps data transfer speed) 1 HDMI 1 VGA 1 Ethernet RJ-45
<b>Expansion slots</b>	1 SD (supports SD, SDHC, SDXC)
<b>Keyboard dock</b>	US Keyboard w/Touch Stick Number of keyboard keys: 105 Keyboard pitch: 18.4 mm, Keyboard stroke: 1.7 mm Touchpad with three mouse buttons Status LED Power Button
<b>Security (Optional)</b>	Kensington Lock support Discrete Trusted Platform Module (TPM 2.0) Hard disk password User and supervisor BIOS password Embedded Fingerprint sensor (optional) Embedded palm vein sensor (optional) Smartcard reader (integrated) Fujitsu AuthConductor™ Client Basic (secure authentication solution)
<b>Manageability</b>	Intel® vPro™ technology (subject to processors) PXE 2.1 Boot code WoL (Wake-on-LAN) Wake up from S5 (off mode) WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment)
<b>Additional Software</b>	Fujitsu Anytime USB Charge Utility Fujitsu Battery Utility Fujitsu Bonus Apps Fujitsu Function Manager Fujitsu Mobility Center Extension Utility Fujitsu Software AutoInstaller Fujitsu AuthConductor™ Client Basic Fujitsu Function Key Lock Utility for LIFEBOOK Fujitsu LIFEBOOK Application Panel Fujitsu Mic Mute Utility Fujitsu Pointing Device Utility for Precision Touchpad Microsoft® Office 2016 Trial McAfee All Access Internet Security Thunderbolt Software Waves MaxxAudio
<b>AC Adapter</b>	19.5 V / 230 W (11.8 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) AC Adapter
<b>Battery</b>	Li-ion battery 8-cell, 96 Wh; Up to 12 hrs 50 mins <sup>3</sup>
<b>Dimension (W x D x H)</b>	380 x 258 x 31.9 mm
<b>Weight</b>	Starting at 2.7 kg
<b>Environmental Compliance</b>	RoHS; ENERGY STAR® 7.0; EPEAT® Gold (dedicated regions)

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# Recommended Accessories

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## Thunderbolt™ 3 Port Replicator

Flexibility, expandability, desktop replacement, investment protection 2x USB 2.0, 2x USB 3.1 Gen 1 (USB 3.0), 2x DisplayPort, DVI, VGA, RJ-45



## Display P27-8 TS UHD

The FUJITSU Display P27-8 TS UHD has a 3840 x 2160 Ultra HD resolution ships with a thin bezel housing ideal for multi-monitor use scenarios. The monitor has a 178°/178° wide viewing angle that delivers consistent picture quality, a 100% sRGB color space, ECO function, DisplayView™ IT Suite manageability software and a range of connectivity options ideal for medium- and large-sized businesses.



## Fujitsu Prestige Top Case 15

Prestige Top Case 15 protects notebooks with up to 15.6" screens. A padded top-loading notebook compartment made of shock-absorbing foam ensures additional protection. Its front pouch is ideal for storing of power adaptors, office supplies or personal items. It is the perfect business case in a practical design.



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# More information

## Fujitsu products, solutions & services

In addition to FUJITSU CELSIUS H780, 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/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about FUJITSU CELSIUS H780, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

## 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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## Specification disclaimers

<sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates.

<sup>2</sup> GB = 1 billion bytes. TB = 1 trillion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 20 GB of HDD space is reserved for system recovery.

<sup>3</sup> Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to [www.bapco.com](http://www.bapco.com) for additional details. The BAPCo® MobileMark® Benchmark provides results that enable direct product comparisons between manufacturers. It does not guarantee any specific battery runtime which actually can be lower and may vary depending on product model, configuration, application and power management settings. The battery capacity decreases slightly with every re-charge and over its lifetime.

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