

DATA SHEET

ESPRIMO Q1500

Issue: August 2009

The small, energy-efficient entertainer for living-room and office

ESPRIMO Q1500

The small ESPRIMO Q1500 with its new design offers you all the advantages of a fully equipped ESPRIMO PC for your office and much more besides. Its Intel® mobile technology, HDMI, Blu-ray and Microsoft® Windows® 7 support makes it the ideal living-room entertainer, too. Whether you are surfing the Internet, processing photos, listening to music or enjoying Blu-ray disks in HD quality - the Intel® Core® 2™ Duo processor technology, up to 4 GB RAM and 320 GB hard disk capacity does it all for you without any problems. The remote control makes life easier as well. This extremely quiet device weighing only 1.7 kg makes it the energy-saver in the ESPRIMO PC series. Unrestricted multimedia enjoyment with the small ESPRIMO Q1500.



Smart and stylish

Eye-catcher on every desk with a modern and exclusive retro design

- A fully equipped Mini PC weighing only 1.7 kgs (1.4 liter volume)

Small in stature, but big in performance

Performance to meet all demands, in small format as well

- Intel® Core™2 dual processor, up to 4 GB memory, 320 GB hard disk and 6 USB ports

A black shell and a green core

The most energy-efficient computer of our ESPRIMO series reduces your energy consumption

- Intel® Centrino mobile technology for a power consumption of 19 Watt in idle mode and extended energy management settings

Entertainer

The ideal living-room PC for music, films and photos.

- Remote control, BluRay drive, HDMI adapter and Microsoft Windows® 7 Home Premium



Components

| | |
|------------------|--|
| Processor | Intel® Core™2 Duo P8700 (2.53 GHz, 3 MB , 1066 MHz) |
| | Intel® Celeron® 900 (2.2 GHz, 1 MB , 800 MHz) |

| | |
|-----------------------|--|
| Memory modules | 2 GB (1 module(s) with 2 GB) DDR2, 800 MHz, PC2-6400, SODIMM |
| | 1 GB (1 module(s) with 1 GB) DDR2, 800 MHz, PC2-6400, SODIMM |

| | |
|------------------------------------|---|
| Hard disk drives (internal) | SSD SATA, 128 GB, 2.5-inch |
| | SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T. |
| | SATA, 5400 rpm, 250 GB, 2.5-inch |
| | SATA, 5400 rpm, 160 GB, 2.5-inch |

| | |
|-----------------|---------------------------|
| Hard disk notes | Supporting NCQ and 3 GBit |
|-----------------|---------------------------|

| | |
|----------------------------|---------------------------------|
| Modular bay options | Blu-ray Combo SATA Slot-in slim |
| | DVD Super Multi Slot-in slim |

| | |
|---|------------------------|
| Interface add on cards/components (optional) | Bluetooth 2.0 |
| | Atheros Minicard b/g/n |

| | |
|------------------|----------------------|
| Base unit | ESPRIMO Q1500 |
|------------------|----------------------|

| | |
|-------------------------------|--|
| Mainboard | |
| Formfactor | proprietary |
| Chipset | Intel® GM45, ICH 9-M |
| Processor socket | Socket P |
| Processor quantity maximum | 1 |
| System bus (FSB / HT / QPI) | 1066 MHz |
| Memory slots | 2 SODIMM |
| Supported capacity RAM (max.) | 4 GB |
| Memory frequency | 667 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 In configurations with 4 GB the visible memory may be reduced to approximately 3.5 GB or less (for 32 bit operating systems, depending on system configuration) |
| LAN | 10/100/1000 MBit/s Intel® 82567LF |
| WLAN | optional |
| BIOS version | Phoenix Award BIOS |
| BIOS features | BIOS Flash EPROM update by software Recovery BIOS |
| Audio codec | Realtek ALC888 |
| Audio features | High Definition audio |

| | |
|--------------------------------|---------------------------------|
| I/O controller on board | |
| Serial ATA total | 3 |
| thereof eSATA | 1 (external on rear side) |
| Controller functions | Serial ATA II 3 GBit AHCI |

| | |
|--------------------------------------|------------------------|
| Interfaces | |
| Audio: line-in / microphone | 1 |
| Audio: line-in | 1 |
| Audio: line-out / headphones / SPDIF | 1 (optical) |
| Front audio: headphone | - |
| Front audio: line-in / microphone | - |
| USB 2.0 total | 6 |
| USB front | 2 |
| USB rear | 4 |
| USB internal | - |
| VGA | via DVI to VGA-Adapter |

| Interfaces | |
|-------------------------|------------------------|
| DVI | 1 |
| HDMI text | via DVI to VGA-Adapter |
| Mouse / Keyboard (PS/2) | - |
| S-Video out (TV-out) | - |
| Ethernet (RJ-45) | 1 |
| eSATA | 1 |

| Input device / components | |
|----------------------------------|------------------------------|
| | Optical USB tilt wheel mouse |

| Drive bays | |
|-------------------------|--------------|
| Drive bays total | 2 |
| 2.5-inch bays | 1 |
| 5.25-inch external bays | 1 |
| Drive bay notes | slim slot-in |

| Graphic on board | |
|---|---|
| Graphics brand name | Mobile Intel® GMA 4500M HD |
| Refresh rate 1024 x 768 (recommended / max.) | 85 Hz / - |
| Refresh rate 1280 x 1024 (recommended / max.) | 85 Hz / - |
| Refresh rate 1600 x 1200 (recommended / max.) | 85 Hz / - |
| TFT resolution (VGA) | 1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel |
| TFT resolution (DVI) | 1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel |
| Graphic notes | Shared memory depending on driver Resolution (color depth up to 32 Bit/pixel) For TFT we recommend to use 60Hz. |

| Electrical values | |
|--------------------------|------------------------|
| Rated frequency range | 50 - 60 Hz |
| Operating voltage range | 100 - 240 V (AC Input) |

| Power consumption | |
|----------------------------|---|
| Power consumption note | see white paper Energy Consumption |
| Link to Energy White Paper | http://docs.ts.fujitsu.com/dl.aspx?id=14bb885c-4bb5-41ce-89b5-d5ea034b3960 |

| Heat dissipation | |
|-------------------------|------------------------------------|
| Heat dissipation notes | see white paper Energy Consumption |

| Noise for standard configuration (HDD, ODD, FDD) | |
|---|--|
| Noise emission | According to ISO9296 |
| Noise Operation mode 1: ODD load (Blue angel requirement) | 4.5 B / 31 dB(A) |
| Noise Operation mode 2: HDD load (Blue angel requirement) | 3.2 B / 16 dB(A) |
| Noise Operation mode 3: CPU 90% load (Blue angel requirement) | 3.8 B / 23 dB(A) |
| Noise Operation mode 4: High load | 3.7 B / 22 dB(A) |
| Noise Operation mode 5: Office applications | 3.2 B / 16 dB(A) |
| Idle mode (Blue Angel requirement) | 3.3 B / 16 dB(A) |
| Noise notes / description | Noise for standard configuration CPU, HDD, ODD; A weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A)), (bystander position) (ISO9296) |

Dimensions / Weight / Environmental

| | |
|-------------------------------|---|
| Dimension (W x D x H) | 165 x 165 x 50 mm |
| Weight | approx. 1.7 kg |
| Weight notes | Weight may vary depending on actual configuration |
| Operating ambient temperature | 5 - 35°C |

Compliance

| | |
|-----------------|--|
| Product | ESPRIMO Q1500 |
| Model | MPC-D1001 |
| Europe | CE EN 60601-1-2 |
| Global | RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) |
| Compliance link | https://sp.ts.fujitsu.com/sites/certificates/default.aspx |

Operating system

| | |
|--|--|
| Operating system optional preinstalled | Microsoft® Windows Vista® Home Premium |
|--|--|

Additional Software

| | |
|--|--|
| Additional software (preinstalled) | Nero 8 Essentials S |
| Additional software (optional) | Recovery DVD (Windows® XP / Windows Vista®) Drivers & Utilities DVD (DUDVD) Windows Vista® Drivers & Utilities DVD (DUDVD) Windows® XP |
| Additional software (included as a CD/DVD) | Nero Essentials (burning software) |

Manageability features

| | |
|-------------------|---|
| DeskView features | Detailed system inventory management and reports WoL (Wake on LAN) |
|-------------------|---|

Security

| | |
|-------------------|------------------------------|
| Physical security | Kensington Lock support |
| System security | Boot sector virus protection |

Packaging information

| | |
|--------------------------------|--|
| Packaging dimension | 395x198x284 mm |
| Material - Weight (g) Carton | 670g |
| Material - Weight (g) EPS / PS | appr. 10 g |
| Material - Weight (g) PE | appr. 125 g |
| Packaging notes | printed user documentation is bleached in chlorin free process |

Warranty

| | |
|---------------|------------------------|
| Service level | (depending on country) |
|---------------|------------------------|

Maintenance and Support Services - the perfect extension

| | |
|--------------------------|---|
| Recommended Service | 5x9, Response Time: Next Business Day |
| Spare Parts availability | 5 years |
| Service Weblink | http://ts.fujitsu.com/Supportservice |

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:

<http://ts.fujitsu.com/aboutus>

Take back and Recycling information:

<http://ts.fujitsu.com/recycling>