

<b>CPU</b>	Intel Core i5-540UM ULV 1.2 GHz
<b>Chipset</b>	Mobile Intel® QM57
<b>Main Memory</b> Number of free slots	2 GB (4 GB Max.)* <sup>3</sup>
<b>Video Memory</b> * <sup>14</sup>	Windows 7 - UMA 763 MB Max. (When Memory is 2 GB) / UMA 1435 MB Max. (When Memory is 4 GB) Windows XP - UMA 1024 MB Max.
<b>Hard Disk Drive</b> * <sup>5</sup>	160 GB. Approx. 300 MB is used as a partition with boot files. (Users cannot use this partition.)
<b>Display Method</b>	10.4 XGA type (TFT)
<b>Internal LCD</b> * <sup>6</sup>	65, 536/16, 777, 216 colors (800 × 600 dots/1024 × 768 dots)
<b>External Display</b> * <sup>7</sup>	65, 536/16, 777, 216 colors (800 × 600 dots/1024 × 768 dots/1280 × 768 dots/1280 × 1024)
<b>Wireless LAN</b>	Wireless LAN* <sup>8</sup>
<b>Sound</b>	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, Monaural speaker
<b>Security Chip</b>	TPM (TCG V1.2 compliant)* <sup>10</sup>

### Card Slots

<b>PC Card Slot</b>	Type I or Type II x 1 (3.3 V: 400 mA, 5 V: 400 mA)
<b>ExpressCard</b> * <sup>11</sup>	ExpressCard/34 or ExpressCard/54 x 1
<b>Smart Card</b> * <sup>12</sup>	ISO7816 x 1
<b>SD Memory Card Slot</b> * <sup>13</sup>	x 1, Data transfer rate = 8 MB per second* <sup>14</sup>
<b>RAM Module Slot</b>	DDR3 SDRAM, 204-pin, 1.5 V, SO-DIMM PC-6400 Compliant* <sup>3</sup>
<b>Interface</b>	USB port (4-pin, USB 2.0) x 2, Serial Port (Dsub 9-pin male), Modem port (RJ-11), LAN port (RJ-45), External display port (Mini Dsub 15-pin female), Expansion Bus Connector (Dedicated 100-pin female), External Antenna Connector (Dedicated 50 Ω coaxial connector) x 2, IEEE 1394a Interface Connector (4-pin x 1), Microphone Jack (Miniature jack, 3.5 DIA, Stereo), Headphone Jack (Miniature jack, 3.5 DIA, Impedance 32 Ω, Output Power 4 mW x 2)
<b>Pointing Device/Keyboard</b>	82 keys / Touch Pad / Touchscreen (Anti-reflection, Stylus (included) touch capable)
<b>Power Supply</b>	AC adaptor or Battery pack
<b>AC Adaptor</b> * <sup>15</sup>	Input: 100 V to 240 V AC, 50 Hz/60 Hz, Output: 16.0 V DC, 3.75 A
<b>Battery Pack</b> * <sup>16</sup>	Li-ion 10.65 V, 5.7 Ah (typ.), 5.4 Ah (min.)
<b>Operating Time</b> * <sup>17</sup>	9.0 hours* <sup>18</sup>
<b>Charging Time</b> * <sup>15</sup>	Approx. 3.5 hours
<b>Power Consumption</b>	Approx. 30 W* <sup>20</sup> / Approx. 60 W (maximum when recharging in the ON state)
<b>Physical Dimensions (W x D x H) (including the carrying handle)</b>	271 mm × 49 mm × 216 mm (10.7 × 1.93 × 8.5)
<b>Weight</b>	Approx. 2.30 kg (Approx. 5.06 lb.)

\*1 1 MB = 1, 048, 576 bytes/1 GB = 1, 073, 741, 824 bytes

\*2 You can physically expand the memory up to 4096 MB, but the total amount of usable memory available will be less depending on the actual system configuration.

\*3 <Only for model with camera>

The memory cannot be increased.

\*4 A segment of the main memory is allotted automatically depending on the computer's operating status. The size of the Video Memory cannot be set by the user.

\*5 1 GB = 1, 000, 000, 000 bytes. Your operating system or some application software will report as fewer GB.

\*6 A 16, 777, 216 color display is achieved by using the dithering function.

\*7 Maximum resolution depends on the specifications of the external display. Display may be impossible using some connected external displays.

\*8 Only for model with wireless LAN

\*9 Only for model with Bluetooth

\*10 Only for model with TPM. For information on TPM, click (Start) and input "c:\util\drivers\tpm\README.pdf" in [Search programs and files] and press Enter, and refer to the Installation Manual of "Trusted Platform Module (TPM)", click [start] - [Run] and input "c:\util\drivers\tpm\README.pdf", and refer to the Installation Manual of "Trusted Platform Module (TPM)".

\*11 Only for model with ExpressCard slot

\*12 Only for model with Smart Card slot

\*13 SD Memory Cards that support high-speed transfer rates can be used. Windows ReadyBoost function is also supported. Operation has been tested and confirmed using Panasonic SD Memory Cards and SDHC Memory Cards with a capacity of up to 32 GB, and Panasonic SDXC Memory Card with a capacity of up to 64 GB. Operation on other SD equipment is not guaranteed. This computer is not compatible with MultiMediaCards. Do not insert this type of cards.

\*14 The theoretical value and actual speeds may differ. The transfer rate does not become higher even if you use a card that supports the higher transfer rate.

\*15 The AC adaptor is compatible with power sources up to 240 V AC adaptor.

The unit for North America (identified by the suffix 'M' on the model number) is supplied with a 125 V AC compatible AC cord.

20-M-1-1

\*16 Performance of the two batteries is the same though their specifications differ.

\*17 Varies depending on the usage conditions.