



TOUGHBOOK CF-SX4

2-IN-1 FLIP-OVER 12.5" BUSINESS RUGGED NOTEBOOK

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Panasonic recommends Windows.

MOBILE BUSINESS EXCELLENCE

BUSINESS RUGGED DURABILITY

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CPU/Secondary cache memory	Intel® Core™ i5-5300U vPro™ Processor (3 MB*1 cache, 2.3 GHz up to 2.9 GHz with Intel® Turbo Boost Technology)	
Chip set	Built-in CPU	
Video Controller	Intel® HD Graphics 5500 (Built-in CPU)	
Main Memory	4GB*1, DDR3L SDRAM (Max. 8GB*1, no expanded DIMM integrated, 1 free slot)	
Video Memory	UMA (<32-bit> 1565 MB*1 Max*2., <64-bit> 1696 MB*1 Max.*2 when 4GB Main Memory)	
Hard Disk Drive	500 GB*3 (Serial ATA) / 5,400 rpm Approx. 50 GB*3 is used as a partition with HDD recovery tools. (Users cannot use this partition.) Approx. 300 MB*3 is used as a partition with recovery tools. (Users cannot use this partition.)	
Optical Drive	DVD Super Multi Drive	
Display Method	12.1", HD+ 1600 x 900	
Internal LCD	16,777,216 colors (1600 x 900 dots)	
External Display	16,777,216 colors (1024 x 768 dots/ 1280 x 768 dots/ 1280 x 1024 dots/ 1360 x 768 dots / 1366 x 768 dots/ 1400 x 1050 dots/ 1600 x 900 dots/ 1600 x 1200 dots/ 1680 x 1050 dots/ 1920 x 1080 dots/ 1920 x 1200 dots)	
Display on LCD - External Display(HDMI)	16,777,216 colors (1024 x 768 dots/ 1280 x 768 dots/ 1360 x 768 dots / 1366 x 768 dots/1600 x 900 dots)	
Wireless LAN	Intel® Dual Band Wireless-AC 7265	
Data Transfer Rates	IEEE802.11a: 54Mbps IEEE802.11b: 11Mbps IEEE802.11g: 54Mbps IEEE802.11n: HT20: 150Mbps HT40: 300Mbps IEEE802.11ac: VHT80: 866.7Mbps VHT40: 433.3 Mbps	
Standards Supported	IEEE802.11a / IEEE802.11b / IEEE802.11g / IEEE802.11n / IEEE802.11ac OFDM system, DSSS system	
Wireless Channels Used	IEEE802.11ac / IEEE802.11a / IEEE802.11n: Channels 36/40/44/48/52/56/60/64/100/ 104/108/112/116/120/124/128/132/136/140 IEEE802.11b / IEEE802.11g / IEEE802.11n: Channels 1 to 13	IEEE802.11ac / IEEE802.11a / IEEE802.11n: Channels 149/153/157/161 IEEE802.11b / IEEE802.11g / IEEE802.11n: Channels 1 to 13
RF Frequency Band	2.4 GHz Band : 2.4 GHz - 2.4835 GHz 5 GHz Band : 5.15 GHz - 5.35 GHz, 5.47 GHz - 5.725 GHz	2.4 GHz Band : 2.4 GHz - 2.4835 GHz 5 GHz Band : 5.735 GHz - 5.835 GHz
Bluetooth Version	4.0, Classic mode/ Low Energy mode, Class 1	
Transmission method	FHSS system	
Wireless Channels Used	Channel 1 to 79 / Channel 0 to 39	
RF Frequency Band	2.402 GHz - 2.480 GHz	
WWAN	Not equipped	
LAN	IEEE 802.3 10BASE-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T	
Sound	WAVE and MIDI playback, Monaural speaker, Intel® High Definition Audio subsystem support	
Security Chip	TPM (TCG V1.2 compliant)*4	
PC Card Slot	None	
ExpressCard Slot	None	
SD Memory Card Slot *5	x1 SDXC (UHS-I Compliant)	
RAM Module Slot	x1, DDR3L SDRAM, 204-pin, 1.35 V, SO-DIMM, PC3L-12800	
Interface	3 USB (USB 2.0 x1, USB 3.0 x2), LAN Port (RJ-45), DC-In x1(Type-A, 2pins), Digital Video(HDMI) x1, External Display Port(VGA): Mini Dsub 15-pin female, Microphone Jack: Miniature jack 3.5 DIA, Headphone Jack: Miniature jack 3.5 DIA	
Keyboard	4 types of keyboard (Japanese: 86 keys, US/Thai/Taiwan: 84 keys)	
Web Camera	x1, HD 960P (Max. 1280x960 pixel, including Microphone)	
Power Supply	AC adaptor or Battery pack	
AC Adaptor	Input: 100 V - 240 V AC, 50 Hz/60 Hz, Output: 16 V DC, 4.06 A	
Battery Pack	Li-ion 7.2V, 6.8 Ah.(typ.), 6.4 Ah.(min.)	
Operating Time*6	Approx. 10 hours (Economy Mode (ECO) - Disable, MobileMark™ 2007) Approx. 9 hours (Economy Mode (ECO) - Disable, JEITA(Ver2.0))	
Charging Time*7 Power On	Approx. 3.0 hours	
Power OFF	Approx. 2.5 hours	

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