

## External Specification 9212

ITEM	CATEGORY	DESCRIPTION
CPU	Type	45nm Intel® Core™2 Duo processor SFF ULV (Penryn)
	Package	uFC-BGA
	TDP	15W (Max)
	Socket	478 pin
	FSB	800 MHz
	Speed	SU9400 => 1.4GHz SU9300 => 1.2GHz Celeron 723 => 1.2GHz
	Others	
	Assembling Capability	BGA type (on-board)
System BIOS	Brand	Phenoix
	Size of EEPROM	4MB
	BIOS Architecture	UEFI
	Others	ACPI2.0, Fingerprint, TPM security
Chipset	Brand & Model Name: North Bridge	Mobile Intel® Express GS45 Chipset
	Brand & Model Name: South Bridge	ICH9M-SFF-Enhanced
	Others	BGA type (on-board)
Memory	Module Type	DDRII SO-DIMM
	Module Size	1GB/2GB
	Number of Pins	200
	Speed	DDRII 800 MHz
	On Board Memory Size	1GB (128Mx8): 8pcs
	Number of Slot	1
	Form Factor	
	Maximum Capacity	3GB
Assembling Capability	Distribution configurable for DDR DIMM Module	
VIDEO CONTROLLER	Type (UMA or Discrete)	UMA
	Interface	
	Brand & Model Name	
	Marketing Name	
	Others	
VRAM	Type	UMA
	No. of Vram Chips	
	Local VRAM Size	
	UMA VRAM Size	
	Others	
Hard Disk Drive	Interface	1.8" SATA
	Height & Diameter	78.5 x 54 x 8 (mm) => 1.8" 80/120GB
	RPM	5400rpm
	Capacity	1.8" 80/120GB HDD (SATA I/F) SSD 32GB/64GB (SATA I/F)
	Others	1.) Weight: 62g for 80/120GB 2.) Sponge shock-mounted 3.) HDD protect function
	Assembling Capability	9212 (1sp): Distribution configurable
	Size	12.1"W (thickness: 3.5mm)

DISPLAY	Type	TFT, with LED B/L
	Resolution	WXGA, 1280 X 800
	Others	LED driver included
KEYBOARD	Height	5mm
	Pitch	17.53mm
	Stroke	2.4mm
	Width	259.6 X 100 mm
	Layout	EU/US/JP
	Others	84 (US/EU) and 85 (JP) keys
POINTING DEVICE	Type	Glide touchpad WITHOUT scroll bar function
	Number of Button	2
	Others	T/P for the water-resistance
PC Card slot	Type	Express Card 34
	Interface	PCIE/USB
	Number of Slot	1
	Others	
Audio System	Interface	Azalia
	Output Channels	Headphone Out jack => stereo MIC jack => stereo
	Speaker	1.5W *1 speaker w/z box
	Subwoofer	N/A
	Volume Control	Control by keyboard
	Microphone	Internal Microphone
	Others	
Memory Card Reader	Ejection Type	Non-Push
	Type of Card Support	SD/MS/MS Pro/MMC
	Others	Card Reader with LED indicator
I/O Port	USB	3
	RJ-11	N/A
	RJ-45	1
	Headphone Out	1
	S/PDIF	N/A
	Microphone	1
	Line In	N/A
	DC Input	1
	Analog VGA Port	1
	DVI-D	N/A
	DVI-I	N/A
	S-Video Out	N/A
	S-Video In	N/A
	IEEE1394	N/A
	TV in Connector	N/A
	IrDA	N/A
	CIR	N/A
	HDMI	N/A
	Kensington Lock	1
	Others	N/A
Quick Key	Number of Quick Key	3 (incl. Power Button) Top right: Power Button
	Definition	Top left (from left to right): P1 Button, ECO Button
LED	Number of Indicator	9
	Definition	Keyboard Cover: Caps Lock, Num Lock, HDD  Palmrest: WLAN, 3G, BT, Card Reader, AC+Battery, Charger
Modem	Interface	N/A
	Type & Speed	
	Form Factor	

	Assembling Capability	
	Others	
LAN	Interface	PCI-E
	Speed	10/100/1000 based-T LAN
Wireless LAN	Interface	PCIE
	Form Factor	Half-Size Minicard
	Type	Intel Shirley Peak (a/g/n)
	Others	RF switch on the left side face in profile
	Assembling Capability	Distribution configurable
TV Card	Form Factor	N/A
	Interface	
	Tuner	
	Others	
Bluetooth	Interface	USB I/F
	Version	V2.1
	Others	With LED indicator
AC Adapter	Type	Universal AC adaptor
	Wattage	65W
	Input Voltage	100V ~ 240V
	Output Voltage	19V
	number of Pin	3pin for WW
	D/C jack Dimension	2.5mm*5.5MM*12.5mm
	Others	
Dimensions	L x W x D mm	W296 x D209 x H12.5~31mm (1 spindle) W296 x D209 x H22.5~31mm (2 spindle)
Weight	Kg	Target: 1.25Kg (1sp) / 1.35Kg (2sp)
Other Specifications (a)		
3G module - Optional	Interface	USB 2.0
	Form Factor	Minicard
	Others	External accessible SIM slot Factory configurable
Fingerprint sensor	Interface	USB 2.0
		Slide type
	Others	Standard function
TPM 1.2	Interface	Low Pin-count
	Version	v1.2
	Others	Factory configurable
Microsoft LOGO	Windows Logo	Vista Premium
Regulation	EMC	CE
	Safety	CB
Green Product Coverage	ROHS	Yes
	Others	