

**Samsung R R730-JT04IT Intel® Core™ i3 i3-380M 43,9 cm (17.3")
HD+ 4 GB DDR3-SDRAM 500 GB NVIDIA® GeForce® 310M
Windows 7 Home Premium Black, Red, Silver**

Brand : Samsung

Product family: R

Product code: NP-R730-JT04IT

Product name : R730-JT04IT



17.3 ", Intel i3-380M (2.53GHz), 4GB RAM, 500GB HDD, NVIDIA GeForce 310M (512MB), LAN, WI-FI, Windows 7 HP (64bit)
Samsung R R730-JT04IT. Processor family: Intel® Core™ i3, Processor model: i3-380M, Processor frequency: 2,53 GHz. Display diagonal: 43,9 cm (17.3"), HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: NVIDIA® GeForce® 310M. Operating system installed: Windows 7 Home Premium. Product colour: Black, Red, Silver. Weight: 2,84 kg

Design		Performance	
Product colour *	Black, Red, Silver	Motherboard chipset	Intel® GL40 Express
Display		Keyboard	
Display diagonal *	43,9 cm (17.3")	Pointing device	Touchpad
Display resolution *	1600 x 900 pixels	Full-size keyboard	✓
HD type	HD+	Keyboard number of keys	101
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Display surface	Gloss	Operating system installed *	Windows 7 Home Premium
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✗
Processor family *	Intel® Core™ i3	Intel® My WiFi Technology (Intel® MWT)	✗
Processor generation	Intel® Core™ i3	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor model *	i3-380M	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	2	Intel® Turbo Boost Technology	✗
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	2,53 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
System bus rate	2,5 GT/s	Intel Clear Video Technology	✓
Processor cache	3 MB	Intel® InTru™ 3D Technology	✗
Processor cache type	Smart Cache	Intel® Insider™	✗
Processor socket	PGA988	Intel® Quick Sync Video Technology	✗
Processor lithography	32 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor series	Intel Core i3-300 Mobile Series	Intel Trusted Execution Technology	✗
Processor codename	Arrandale	Intel Enhanced Halt State	✓
Bus type	DMI	Intel VT-x with Extended Page Tables (EPT)	✓
FSB Parity	✗	Intel Demand Based Switching	✗
Thermal Design Power (TDP)	35 W		
Tjunction	90 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		
PCI Express configurations	1x16		
Number of Processing Die Transistors	382 M		

Processor		Processor special features	
Processing Die size	81 mm ²	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
CPU multiplier (bus/core ratio)	19	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	4 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3-SDRAM	Processor package size	rPGA 37.5x 37.5, BGA 34x28
Memory layout (slots x size)	2 x 2 GB	Supported instruction sets	SSE4.1/4.2
Memory slots	2x SO-DIMM	Physical Address Extension (PAE)	36 bit
Maximum internal memory *	8 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	500 GB	Graphics & IMC lithography	45 nm
Hard drive capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Hard drive interface	SATA	Intel Virtualization Technology (VT-x)	✓
Hard drive speed	5400 RPM	Intel Dual Display Capable Technology	✓
Optical drive type *	DVD Super Multi DL	Intel FDI Technology	✓
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Compatible memory cards	MMC, SD, SDHC	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	50178
Discrete graphics card model *	NVIDIA® GeForce® 310M	Conflict-Free processor	✗
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Number of battery cells	6
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics	AC adapter power	60 W
On-board graphics card base frequency	500 MHz	DC-in jack	✓
On-board graphics card dynamic frequency (max)	667 MHz	Security	
Maximum graphics card memory	0,5 GB	Cable lock slot	✗
Audio		Password protection type	BIOS
Audio system	HD	Weight & dimensions	
Audio system direct 3D sound	✓	Width	411,4 mm
Network		Depth	272,8 mm
Wi-Fi	✓	Height	32 mm
Ethernet LAN	✓	Weight *	2,84 kg
Bluetooth	✗	Other features	
Cabling technology	10/100Base-T(X)	Infrared data port	✗
Ports & interfaces		Graphics card family	NVIDIA
USB 2.0 ports quantity *	3	3D	✗
Ethernet LAN (RJ-45) ports	1	Display	LCD
HDMI ports quantity *	1	HDD user password	✓
DVI port	✗	Internal modem	✗
VGA (D-Sub) ports quantity	1	TV tuner integrated	✗
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		
Docking connector	✗		
ExpressCard slot	✓		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
TV-out	✗		

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