



Lenovo IdeaCentre Q190 Intel® Core™ i3 i3-3217U 4 GB DDR3-SDRAM 500 GB Harddisk Windows 8.1 Mini PC Sort, Sølv

Merke : Lenovo

Product family: IdeaCentre

Produktkode: 57324756

Produkt navn : Q190

Lenovo IdeaCentre Q190. Prosessorfrekvens: 1,8 GHz, Prosessorfamilie: Intel® Core™ i3, Prosessormodell: i3-3217U. Internminne: 4 GB, Internminnetype: DDR3-SDRAM, Minneklokke-hastighet: 1333 MHz. Total lagringskapasitet: 500 GB, Lagringsmedier: Harddisk, Optisk stasjonstype: DVD±RW. Grafikkadaptermodell om bord: Intel® HD Graphics 4000. Operativsystemprogramvare 04: Windows 8.1, Operativsystemets arkitekturform: 64-bit. Chassis-type: Mini PC. Produkttype: Mini PC. Produktfarge: Sort, Sølv



Proseszor		Tilkoblingsevne	
Proseszorprodusent *	Intel	S/PDIF-utport	✓
Prosesorffamilie *	Intel® Core™ i3	Design	
Prosesorgenerering	3rd gen Intel® Core™ i3	Chassis-type *	Mini PC
Prosessormodell *	i3-3217U	Volum	0,6 l
Prosesorkjerner	2	Produktfarge *	Sort, Sølv
Prosesstråder	4	Ytelse	
Prosesorffrekvens *	1,8 GHz	Lyd-utgang kanaler	7.1 kanaler
Prosesorstøpsel	BGA 1023	Produkttype *	Mini PC
Processor cache	3 MB	Software	
Cachetype prosessor	Smart Cache	Operativsystemets arkitekturform	64-bit
Systembussrate	5 GT/s	Operativsystemprogramvare 04 *	Windows 8.1
Busstype	DMI	Proseszor spesielle funksjoner	
FSB-paritet	✗	Intel® Wireless Display (Intel® WiDi)	✓
Proseszorlitografi	22 nm	Intel® 64	✓
Prosesorens driftmoduser	64-bit	Enhanced Intel SpeedStep Technology	✓
Prosesorserier	Intel Core i3-3200 Mobile Series	Integrerte alternativer tilgjengelige	✗
Kodenavn prosessor	Ivy Bridge	Intel Innebygd Visuals Technology	✓
Thermal Design Power (TDP)	17 W	Intel® InTru™ 3D Technology	✓
Tjunction	105 °C	Intel® Insider™	✓
PCI Express sporversjon	2.0	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Maksimalt antall PCI Express-spor	16	Intel klar video teknologi	✗
PCI Express-konfigurasjoner	1x16, 2x8, 1x8+2x4	Intel® VT-x with Extended Page Tables (EPT)	✓
Antall installerte prosessorer	1	Inaktive tilstander	✓
Stigning	L1	Thermal Monitoring Technologies	✓
CPU-multiplikator (buss/kjerneforhold)	18	Intel® AES New Instructions (Intel® AES-NI)	✗
Maksimalt internminne støttet av prosessor	32 GB	Intel® Trusted Execution Technology	✗
Minnetyper som støttes av prosessor	DDR3-SDRAM, DDR3L-SDRAM	Execute Disable Bit	✓
Minneklokkehastighet støttet av prosessor	1333,1600 MHz	Intel® HD Graphics	✓
Minnebåndbredde støttet av prosessor (maks.)	25,6 GB/s	Intel® FDI Technology	✓
EEC støttet av prosessor	✗		
Minne			
Internminne *	4 GB		
Maksimalt internminne *	8 GB		

Minne		Prosesor spesielle funksjoner	
Internminnetype	DDR3-SDRAM	Intel® Flex Memory Access	✓
Minnefordeling	1 x 4 GB	Intel® Fast Memory Access	✓
Minnespor	1x SO-DIMM	Intel® Smart Cache	✓
Minneklokke-hastighet	1333 MHz	Intel® Enhanced Halt State	✓
Minnekanaler	Tokanals	Intel® Demand Based Switching	✗
Lagringsmedium		Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID)	✗
Total lagringskapasitet *	500 GB	Prosesorpakkestørrelse	31 x 24 mm
Lagringsmedier *	Harddisk	Støttede instruksjonssett	AVX
Optisk stasjonstype *	DVD±RW	Prosesorkode	SR0N9
Antall installerte harddisker	1	Prosesorkonfigurasjon (maks.)	1
Intern harddisk	500 GB	Grafikk og IMC-litografi	22 nm
HDD-hastighet	5400 RPM	Intel Virtualisering Technology for Directed I/O (VT-d)	✗
Innebygd kortleser	✓	Intel® Identity Protection Technology version	1,00
Minnekortenheter	Memory Stick (MS), MMC, MS PRO, SD, SDHC, SDXC	Intel® Virtualization Technology (VT-x)	✓
Grafikk		Intel® Dual Display Capable Technology	✓
On-board grafikkort *	✓	Intel® Rapid Storage Technology	✗
Diskret grafikkadaptermodell *	Ikke tilgjengelig	Processor ARK ID	65697
On-board grafikkadapter familie	Intel® HD Graphics	Intel® Turbo Boost Technology	✗
Grafikkadaptermodell om bord *	Intel® HD Graphics 4000	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Basisfrekvens on-board skjermkort	350 MHz	Intel® Quick Sync Video Technology	✓
Dymanisk frekvens (maks.) on-board skjermkort	1050 MHz	Intel® My WiFi Technology (Intel® MWT)	✓
Antall skjermer som støttes (on-board skjermkort)	3	Intel® Identity Protection Technology (Intel® IPT)	✓
ID for on-board grafikkadapter	0x166	Intel® Anti-Theft Technology (Intel® AT)	✓
Nettverksbygging		Konfliktfri prosessor	✓
Ethernet/bredbåndsforbindelse *	✓	Integrert 4G WiMAX	✓
Ethernet LAN dataoverføringshastigheter	10,100,1000 Mbit/s	Vekt og dimensjoner	
Kablingsteknologi	10/100/1000Base-T(X)	Bredde *	155 mm
Wi-Fi *	✓	Dybde *	192 mm
Beste Wi-Fi-standard	Wi-Fi 4 (802.11n)	Høyde *	22 mm
Wi-Fi-standarder	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Emballasjeinnhold	
Tilkoblingsevne		Mus inkludert	✗
Antall USB 2.0-porter *	4	Tastatur medfølger	✗
Antall USB 3.2 Gen 1 (3.1 Gen 1) Type-A-porter *	2	Andre funksjoner	
Antall VGA (D-Sub)-port	1	Optiske drivere, antall	1
DVI-port	✗	Intel® Virtualization Technology (Intel® VT)	VT-x
Antall HDMI-porter *	1		
Antall ethernets-/bredbåndstilkoblinger (RJ-45)	1		
Mikrofon, linje-inn-støpsel	✓		
Hodetelefonutganger	1		

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