

Viewsonic SW-070 PC/workstation Intel® Celeron® N3060 2 GB 32 GB Flash Windows 10 IoT Core Mini PC

Brand : Viewsonic

Product code: SW-070

Product name : SW-070

Intel Celeron N3060 1.6 GHz, 2 GB, 32 GB flash, LAN, Wi-Fi, HDMI 1.4, VGA, 2x3.5mm, USB 2.0, 19VDC 40W, 127x127x56.8 mm

Viewsonic SW-070. Processor frequency: 1.6 GHz, Processor family: Intel® Celeron®, Processor model: N3060. Internal memory: 2 GB. Total storage capacity: 32 GB, Storage media: Flash. On-board graphics card model: Intel® HD Graphics 400. Wi-Fi. Operating system installed: Windows 10 IoT Core. Power supply: 40 W. Product type: Mini PC. Weight: 900 g



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor family *	Intel® Celeron®	Intel 64	✓
Processor model *	N3060	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Embedded options available	✓
Processor threads	2	Intel® InTru™ 3D Technology	✗
Processor boost frequency	2.48 GHz	Intel® Insider™	✗
Processor frequency *	1.6 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	2 MB	Intel Clear Video Technology	✓
Processor cache type	L2	Intel VT-x with Extended Page Tables (EPT)	✓
System bus rate	5 GT/s	Idle States	✓
Processor lithography	14 nm	Thermal Monitoring Technologies	✓
Processor operating modes	64-bit	Intel Stable Image Platform Program (SIPP)	✗
Processor series	Intel Celeron N3000 series	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor codename	Braswell	Intel® Secure Key	✓
Thermal Design Power (TDP)	6 W	Intel® OS Guard	✗
Scenario Design Power (SDP)	4 W	Intel Trusted Execution Technology	✗
Tjunction	90 °C	Execute Disable Bit	✓
PCI Express slots version	2.0	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	4	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Processor package size	25 x 27 mm
Number of processors installed	1	Processor code	SR2KN
Processor socket	BGA 1170		
Stepping	D1		
Maximum internal memory supported by processor	8 GB		
Memory types supported by processor	DDR3L-SDRAM		
Memory clock speeds supported by processor	1600 MHz		

Processor		Processor special features	
ECC supported by processor	✗	CPU configuration (max)	1
Memory		UART	✓
Internal memory *	2 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Memory channels	Dual-channel	Intel Secure Boot	✓
Storage		Intel Smart Connect Technology version	0.00
Total storage capacity *	32 GB	Intel Identity Protection Technology version	1.00
Storage media *	Flash	Intel Secure Boot Technology version	1.00
Card reader integrated	✗	Intel Stable Image Platform Program (SIPP) version	0.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel Small Business Advantage (SBA) version	0.00
Discrete graphics card model *	Not available	Intel Smart Response Technology version	0.00
On-board graphics card model *	Intel® HD Graphics 400	Intel Rapid Storage Technology	✗
On-board graphics card base frequency	320 MHz	Processor ARK ID	91832
On-board graphics card burst frequency	600 MHz	Intel® Smart Response Technology	✗
Maximum on-board graphics card memory	8 GB	Intel® Turbo Boost Technology	✗
Number of displays supported (on-board graphics)	3	Intel Smart Connect Technology	✗
On-board graphics card DirectX version	12.0	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Number of execution units	12	Intel® Quick Sync Video Technology	✓
Performance		Intel® Identity Protection Technology (Intel® IPT)	✓
Product type *	Mini PC	Intel® Anti-Theft Technology (Intel® AT)	✗
Network		Conflict-Free processor	✓
Ethernet LAN *	✓	Integrated 4G WiMAX	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	Display	
Wi-Fi *	✓	Display included *	✗
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Width *	127 mm
Ports & interfaces		Depth *	56.8 mm
USB 2.0 ports quantity *	2	Height *	127 mm
HDMI ports quantity *	1	Weight *	900 g
HDMI version	1.4	Packaging data	
Ethernet LAN (RJ-45) ports	1	Package width	139 mm
Headphone outputs	1	Package depth	95.2 mm
VGA (D-Sub) ports quantity	1	Package height	127 mm
Microphone in	✓	Package weight	1.36 kg
DVI port	✗	Packaging content	
Power		Cables included	AC
Power supply *	40 W	VESA mount included	✓
Design		Manual	✓
Panel mounting interface	100 x 100 mm	AC adapter included	✓
VESA mounting	✓	Software	
Software		Operating system installed *	Windows 10 IoT Core
Processor special features		Processor special features	
Intel® Small Business Advantage (Intel® SBA)	✗	Intel® Small Business Advantage (Intel® SBA)	✗
Intel® Wireless Display (Intel® WiDi)	✓	Intel® Wireless Display (Intel® WiDi)	✓



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