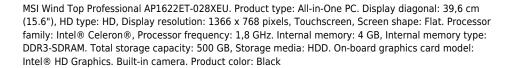# MSI Wind Top Professional AP1622ET-028XEU Intel® Celeron® 1037U 39,6 cm (15.6") 1366 x 768 pixels Touchscreen All-in-One PC 4 GB DDR3-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Black

Brand : MSI

Product family: Wind Top

Article code: 9S6-A61511-028

Product name :
AP1622ET-028XEU

MSI Wind Top Professional AP1622ET-028XEU. Product type: All-in-One PC. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels, Touchscreen, Screen shape: Flat. Processor family: Intel® Celeron®, Processor frequency: 1,8 GHz. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics. Built-in camera. Product color: Black

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✔
HD type *	HD
LED backlight	✔
Touch technology	Single-touch
Native aspect ratio	16:9
Display brightness	250 cd/m²
Response time	5 ms
Pixel pitch	0.252 x 0.252 mm
Screen shape	Flat
Display number of colours	16.78 million colours
Tilt angle range	170 - 160°

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor model *	1037U
Processor cores	2
Processor threads	2
Processor frequency *	1.8 GHz
Processor cache	2 MB
Processor cache type	Smart Cache
System bus rate	5 GT/s
Thermal Design Power (TDP)	17 W
PCI Express slots version	2.0
Processor socket	BGA 1023
Processor lithography	22 nm
Processor operating modes	64-bit
Stepping	P0
Bus type	DMI
Processor codename	Ivy Bridge
Processor series	Intel Celeron 1000 series for Mobile

Network

Top Wi-Fi standard *	Wi-Fi 4 (802.11n)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth *	✘

Ports & interfaces

Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
VGA (D-Sub) ports quantity	1
Headphone outputs	1
Microphone in	✔
Mini PCI Express slots	1

Design

Product colour *	Black
Wall mountable	✔

Performance

Product type *	All-in-One PC
Motherboard chipset	Intel® NM70 Express

Software

Operating system installed *	✘

Processor special features

Intel® Turbo Boost Technology	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Anti-Theft Technology (Intel® AT)	✘

Processor

FSB Parity	✗
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 2x8, 1x8+2x4
Processor code	SR108
Tjunction	105 °C
CPU multiplier (bus/core ratio)	18
Maximum internal memory supported by processor	32 GB
Conflict-Free processor	✔
Memory types supported by processor	DDR3-SDRAM, DDR3L-SDRAM
Memory clock speeds supported by processor	1333,1600 MHz
Memory bandwidth supported by processor (max)	25.6 GB/s
Memory channels supported by processor	Dual
ECC supported by processor	✗

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Maximum internal memory *	4 GB
Memory slots	1
Memory slots type	SO-DIMM
Memory clock speed	1333 MHz

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of storage drives installed	1
Number of storage drives supported	1
Number of HDDs installed	1
HDD capacity	500 GB
HDD speed	5400 RPM
HDD interface	SATA II
Optical drive type *	✗
Card reader integrated	✔
Compatible memory cards	MMC, Memory Stick (MS), SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Number of displays supported (on-board graphics)	3

Audio

Built-in speaker(s) *	✔
RMS rated power	3 W
Built-in microphone	✔

Camera

Built-in camera *	✔
Total megapixels	0.3 MP

Network

Wi-Fi *	✔

Processor special features

Intel® Wireless Display (Intel® WiDi)	✗
Enhanced Intel SpeedStep Technology	✔
Intel® Quick Sync Video Technology	✗
Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Intel Clear Video Technology	✗
Intel® Insider™	✗
Intel® InTru™ 3D Technology	✗
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✗
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	31 x 24 mm
Supported instruction sets	SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✔
Processor ARK ID	71995

Power

AC adapter power	65 W

Weight & dimensions

Width (with stand)	399.5 mm
Depth (with stand)	69.2 mm
Height (with stand)	313.9 mm
Weight (with stand)	5.6 kg
Package weight	6.49 kg

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	40 - 85%
Storage relative humidity (H-H)	0 - 90%

Certificates

Certification	UL/CB, EMC:CE/FCC/C-TICK/VCCI/BSMI

Packaging content	
Mouse included	✗
Keyboard included	✗