

ideacentre A340 (22") Intel F0EB004VBG

Product
ideacentre A340-22IWL

Region
EET

Country
Bulgaria

Machine Type
FOEB

Processor
Pentium 5405U (2C, 2.3GHz, 2MB)

Graphics
Integrated Intel UHD Graphics 610

Chipset
Intel SoC Platform

Memory
4GBx1

Storage
1TB 5400rpm 2.5"

Optical
None

Media Reader
3-in-1

Display
21.5" FHD (1920x1080) WVA

Multi-touch
None

Camera
720p

Microphone
Monaural

WLAN + Bluetooth
11ac, 1x1 + BT4.0

Keyboard / Mouse
2.4G Silver / 2.4G Silver

Power Adapter
65W Adapter Black

Operating System
None

Color
White

Warranty
D02_2YRDEP_CI

upc_ean_jan_code
193386298229

Ann Date (mm/yy)
02/19



WWW.LENOVO.COM

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<http://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2019. All rights reserved.



Lenovo™

IdeaCentre A340 (22") Intel Platform Specifications

Product Specifications Reference (PSREF)



Processor	<p>22/IGM: Intel® Celeron® or Intel Pentium® Processor</p> <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Support (Up to)</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron J4005</td> <td>2 / 2</td> <td>2.0G / 2.7G</td> <td>4 MB</td> <td>DDR4-2400</td> <td>UHD 600</td> </tr> <tr> <td>Celeron J4105</td> <td>4 / 4</td> <td>1.5G / 2.5G</td> <td>4 MB</td> <td>DDR4-2400</td> <td>UHD 600</td> </tr> <tr> <td>Pentium Silver J5005</td> <td>4 / 4</td> <td>1.5G / 2.8G</td> <td>4 MB</td> <td>DDR4-2400</td> <td>UHD 605</td> </tr> </tbody> </table> <p>22/ICB: Intel Celeron, Intel Pentium Gold Processor® or 8th Generation Intel Core™ i3 / i5 / i7 Processors</p> <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Base/Max)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G4900T</td> <td>2 / 2</td> <td>2.9 GHz</td> <td>2 MB</td> <td rowspan="2">DDR4-2400</td> <td rowspan="2">Intel UHD Graphics 610</td> </tr> <tr> <td>Pentium Gold G5400T</td> <td>2 / 4</td> <td>3.1 GHz</td> <td>4 MB</td> </tr> <tr> <td>Core i3-8100T</td> <td>4 / 4</td> <td>3.1 GHz</td> <td>6 MB</td> <td rowspan="2">DDR4-2666</td> <td rowspan="2">Intel UHD Graphics 630</td> </tr> <tr> <td>Core i5-8400T</td> <td>6 / 6</td> <td>1.7 GHz / 3.3 GHz</td> <td>9 MB</td> </tr> </tbody> </table> <p>22/IWL: Intel Celeron, Intel Pentium Gold Processor® or 8th Generation Intel Core™ i3 / i5 Processors</p> <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Support (Up to)</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron 4205U</td> <td>2 / 2</td> <td>1.8G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>UHD 610</td> </tr> <tr> <td>Pentium 5405U</td> <td>2 / 4</td> <td>2.3G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>UHD 610</td> </tr> <tr> <td>Core i3-8145U</td> <td>2 / 4</td> <td>2.1G / 3.9G</td> <td>4 MB</td> <td>DDR4-2400</td> <td>UHD 620</td> </tr> <tr> <td>Core i5-8265U</td> <td>4 / 8</td> <td>1.6G / 3.9G</td> <td>6 MB</td> <td>DDR4-2400</td> <td>UHD 620</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics	Celeron J4005	2 / 2	2.0G / 2.7G	4 MB	DDR4-2400	UHD 600	Celeron J4105	4 / 4	1.5G / 2.5G	4 MB	DDR4-2400	UHD 600	Pentium Silver J5005	4 / 4	1.5G / 2.8G	4 MB	DDR4-2400	UHD 605	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Celeron G4900T	2 / 2	2.9 GHz	2 MB	DDR4-2400	Intel UHD Graphics 610	Pentium Gold G5400T	2 / 4	3.1 GHz	4 MB	Core i3-8100T	4 / 4	3.1 GHz	6 MB	DDR4-2666	Intel UHD Graphics 630	Core i5-8400T	6 / 6	1.7 GHz / 3.3 GHz	9 MB	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics	Celeron 4205U	2 / 2	1.8G	2 MB	DDR4-2133	UHD 610	Pentium 5405U	2 / 4	2.3G	2 MB	DDR4-2133	UHD 610	Core i3-8145U	2 / 4	2.1G / 3.9G	4 MB	DDR4-2400	UHD 620	Core i5-8265U	4 / 8	1.6G / 3.9G	6 MB	DDR4-2400	UHD 620	<p>Ports*</p> <p>22/IGM: Rear: Two USB 2.0, one USB 3.1 Gen1, power connector, Ethernet (RJ-45), HDMI-out Left: One USB 3.1 Gen1, headphone / microphone combo jack (3.5mm), media card reader Right: None</p> <p>22/ICB: Rear: Two USB 2.0, one USB 3.1 Gen2, power connector, Ethernet (RJ-45), HDMI-out Left: One USB 3.1 Gen2, headphone / microphone combo jack (3.5mm), media card reader Right: None</p> <p>22/IWL: Rear: Two USB 2.0, one USB 3.1 Gen2(USB 3.1 Gen1 for Celeron & Pentium models), power connector, Ethernet (RJ-45), HDMI-out Left: One USB 3.1 Gen2(USB 3.1 Gen1 for Celeron & Pentium models), headphone / microphone combo jack (3.5mm), media card reader Right: None</p> <p>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</p> <p>Audio support: HD Audio, stereo speakers with Dolby® Audio™ certification, 3W x 2, monaural microphone</p> <p>WLAN: 802.11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card Bluetooth™: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet: Gigabit Ethernet connection</p> <p>Remote control: None Security: Power-on password, administrator password Security chip: None</p> <p>Keyboard (opt): Some: Lenovo Calliope Keyboard (USB connector), black or white Some: Lenovo Calliope Wireless Keyboard, black, white or silver Some: Lenovo Calliope Mouse (USB connector), black or white Some: Lenovo Calliope Wireless Mouse, black, white or silver</p> <p>Mouse (opt): Same as Keyboard</p> <p>Mechanical: ● Black or white color</p> <table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>With stand</td> <td>19.31 X 7.28 X 16.49 (inch); 490.5x 185 x 418.88 (mm)</td> <td>12.78 / 5.8</td> <td>Tilt: 25° back, -5° forward</td> </tr> </tbody> </table> <p>Power adapter: Some: 65 watts PSU, 100V-240V Some: 90 watts PSU, 100V-240V Some: 120 watts PSU, 100V-240V</p> <p>Limited warranty: Some: 1-year, mail-in service Some: 1-year or 2-year, depot service</p> <p>Preload: Preloaded operating system Some: Windows® 10 Home 64 Preinstalled software includes but not limited to the following:</p> <ul style="list-style-type: none"> • Tangram • Lenovo® Application Explorer • Microsoft Office Trial • PowerDVD/Power2Go • McAfee® LiveSafe™ trial <p>Environment: ENERGY STAR® 7.1; RoHS-compliant; ErP Lot3 & Lot7</p>		Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	With stand	19.31 X 7.28 X 16.49 (inch); 490.5x 185 x 418.88 (mm)	12.78 / 5.8	Tilt: 25° back, -5° forward
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics																																																																																					
Celeron J4005	2 / 2	2.0G / 2.7G	4 MB	DDR4-2400	UHD 600																																																																																					
Celeron J4105	4 / 4	1.5G / 2.5G	4 MB	DDR4-2400	UHD 600																																																																																					
Pentium Silver J5005	4 / 4	1.5G / 2.8G	4 MB	DDR4-2400	UHD 605																																																																																					
Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics																																																																																					
Celeron G4900T	2 / 2	2.9 GHz	2 MB	DDR4-2400	Intel UHD Graphics 610																																																																																					
Pentium Gold G5400T	2 / 4	3.1 GHz	4 MB																																																																																							
Core i3-8100T	4 / 4	3.1 GHz	6 MB	DDR4-2666	Intel UHD Graphics 630																																																																																					
Core i5-8400T	6 / 6	1.7 GHz / 3.3 GHz	9 MB																																																																																							
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics																																																																																					
Celeron 4205U	2 / 2	1.8G	2 MB	DDR4-2133	UHD 610																																																																																					
Pentium 5405U	2 / 4	2.3G	2 MB	DDR4-2133	UHD 610																																																																																					
Core i3-8145U	2 / 4	2.1G / 3.9G	4 MB	DDR4-2400	UHD 620																																																																																					
Core i5-8265U	4 / 8	1.6G / 3.9G	6 MB	DDR4-2400	UHD 620																																																																																					
	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments																																																																																							
With stand	19.31 X 7.28 X 16.49 (inch); 490.5x 185 x 418.88 (mm)	12.78 / 5.8	Tilt: 25° back, -5° forward																																																																																							
Memory	<p>22/IGM: 8GB max / 2400MHz DDR4, one SO-DIMM socket 22/IWL: 8GB max / 2400MHz DDR4, one SO-DIMM socket 22/ICB: 8GB max / 2400MHz DDR4, two SO-DIMM sockets * System automatically clocks down for the processors with lower memory controller</p>																																																																																									
Storage	<p>Some: SATA 6.0Gb/s, 2.5" wide, 5400 rpm Some: M.2 (2280) SSD / PCIe NVMe, PCIe 3.0 x 4 (e.g. 256GB SSD M.2 PCIe NVMe) Some: M.2 (2242) SSD / PCIe NVMe, PCIe 3.0 x 2 (e.g. 128GB SSD M.2 PCIe NVMe) Some: Intel Optane™ Memory, M.2</p>																																																																																									
SATA controller	Serial ATA, SATA 6.0Gb/s support																																																																																									
Optical (opt)	SATA connector, DVD±RW, 9.0mm high, tray-in																																																																																									
Media reader	3-in-1 reader (SD, SDHC, SDXC)																																																																																									
Graphics	<p>22/IGM: Intel UHD Graphics 600 / 605 / 610 / 620 / 630 in processor, DirectX® 12 22/IWL: Intel UHD Graphics 610 / 620 in processor, DirectX® 12 22/ICB: Intel UHD Graphics 600 / 605 / 610 / 620 / 630 in processor, DirectX® 12 and AMD Radeon™ 530, 2GB GDDR5, DirectX 12</p>																																																																																									
Display	21.5" (546.1mm) FHD (1920x1080) color, WVA, LED backlight, anti-glare, borderless, 16:9 aspect ratio, 250 nits																																																																																									
Multi-touch (opt)	Multi-touch (10-point), Advanced In-Cell Touch (AIT) technology																																																																																									
Camera	720p HD, autofocus																																																																																									
Light sensor	None																																																																																									
Controls	Power button, optical drive eject button, camera cover slider																																																																																									
Chipset	<p>22/IGM: Intel SoC (System on Chip) platform 22/IWL: Intel SoC (System on Chip) platform 22/ICB: Intel B360 platform</p>																																																																																									

ideacentre A340 (22") Intel

