Supported Devices

Devices Supported by IGEL OS 12

> ✅ **Partner Solutions for Peripherical Devices**
>
> For further supported hardware from IGEL partners, e.g. headsets, see Partner Solutions.

Requirements for IGEL OS 12

- CPU: 64-bit-capable, Dual Core or more, minimum 1,5 GHz. More than two CPU cores and higher CPU speed may be required if e.g. a Unified Communications optimization is used (client-side media engine). Please refer to the requirements of the solution you are using.
- RAM: Minimum 4 GB; a larger RAM size is recommended if you use any of the following:
  - Unified Communications optimizations (uses a client-side media engine; video resolution ≥ 720p)
  - High-resolution graphics output (e.g. 2x 2K, 1x 4K)
  - More than two monitors
- Mass storage: Minimum 8 GB. The following storage media are supported: Hard disk, flash memory, SSD, eMMC, or NVME.
- Graphics chip: Intel, ATI/AMD, or Nvidia
- Network: Ethernet or wireless adapterK14
- Booting from an external device: USB 3.0 or 2.0 port from which the device can boot (alternatively a DVD drive)
  Why Min. 4 GB RAM and 8 GB Storage?

  Reasons for 4 GB RAM:

  - IGEL OS 12 desktop with HTML5-based elements:
  - Tray apps
  - Notification panel
  - Ongoing improvements in regards of modern desktop
- Focus on browser-based applications and multimedia / UC

Reasons for 8 GB storage:

- Background app update

- During the performed background app update, an app (or several apps) will be loaded in the background.
- Old apps still exist for an easy downgrade (if needed). This is handled in a quite similar way for the base system (including app dependencies) – for offering (upcoming) possibility to reset the system to the "last known good configuration/system"

- App(s) may need a writeable partition (dynamic allocation)
- Web applications require a lot of disc space / cache, e.g. PWA for Microsoft Teams
Furthermore: Future-proof minimal requirements – no need to increase the minimal requirements for the next years / during the lifetime of IGEL OS 12.

Devices Supported by IGEL OS 11

> ✅ **Partner Solutions for Peripherical Devices**
>
> For further supported hardware from IGEL partners, e.g. headsets, see Partner Solutions.

Core Requirements

- CPU with 64-bit support
- CPU speed: ≥ 1 GHz
- Memory (RAM): ≥ 2 GB

> ⓘ RAM size higher than 2 GB is recommended if you use any of the following:
> - Unified Communications optimizations (uses a client-side media engine)
> - High-resolution graphics output
> - More than two monitors

> ⓘ With devices that have 2 GB RAM and shared video memory, a maximum of 512 MB may be used as video memory.

- Storage: Depends on the release version of IGEL OS 11. The details are listed below:
  - Up to IGEL OS 11.03: 2 GB minimum; ≥ 4 GB recommended
  - From IGEL OS 11.04 to IGEL OS 11.07: If the full feature set is applied, at least 2.4 GB of storage is required. For instructions on how to reduce the feature set, see Error: "Not enough space on local drive" when Updating to IGEL OS 11.08 or Higher.
  - From IGEL OS 11.08 onwards: If the full feature set is applied, at least 4 GB of storage is required. For instructions on how to reduce the feature set, see Error: "Not enough space on local drive" when Updating to IGEL OS 11.08 or Higher.
- No VIA graphic adapter; VIA graphics support is discontinued in IGEL OS.
- Legacy Bios and EFI/UEFI are supported.

Devices Supported by OSC and UD Pocket with IGEL OS 11

> ⚠ The following list only includes those devices that are **tested by IGEL** (with each major release of IGEL OS). By no means it implies that the devices which are not included in this list but meet the minimum requirements will not function with IGEL OS: Any x86-64 hardware endpoint device that meets the IGEL-stated minimum hardware requirements for IGEL OS (for example, the processor speed and RAM) can be expected to work adequately with IGEL OS and should be considered a candidate for repurposing from another OS. With an IGEL OS subscription or active maintenance, customers can expect IGEL to make any necessary "best effort" to support, regardless of whether the endpoints in question are specifically listed within the IGEL Knowledge Base or elsewhere (e.g. on the IGEL Ready Showcase at https://www.igel.com/ready/showcase-categories/endpoints/).
>
> For any devices not listed here or on the IGEL Ready showcase, you can contact your hardware vendor and request those devices to be added to the IGEL Ready program.

Integrated drivers and supported peripherals are listed in the Third-Party Hardware Database[1]. For more solutions compatible with IGEL OS, see Partner Solutions.

ⓘ HP, Lenovo, and LG device models are available from the factory with pre-installed IGEL OS 11. Please contact IGEL Ready[2] to get information on which device models are available with pre-installed IGEL OS.

ⓘ For some of the devices listed here, Flash memory must be extended to ≥ 2 GB. For these devices, an appropriate note is added.

ⓘ On modern computers such as secured-core PCs (see e.g. https://www.microsoft.com/en-us/windows/business/devices?col=secured-core-pcs), there may be a BIOS setting related to Secure Boot that allows the use of Microsoft's 3rd party UEFI Secure Boot Certificate. The usual description of such a BIOS setting is "Allow Microsoft 3rd Party UEFI CA". This setting must be set to enabled, as IGEL uses the 3rd party certificate to support UEFI Secure Boot. If UEFI Secure Boot is enabled, but "Allow Microsoft 3rd Party UEFI CA" is not enabled, you may be unable to boot IGEL OS Creator or UD Pocket. Similarly, if the setting "Allow Microsoft 3rd Party UEFI CA" is disabled after a previous installation of IGEL OS, IGEL OS will fail to boot. For how to enable the setting, see Secured-Core PCs: Microsoft 3rd-Party UEFI Certificate for Secure Boot.

ⓘ [Fn] keys may not work on some supported and listed laptop/notebook models.

ADS-Tec

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
DVG-VMT9010	Industrial PC/ Terminal	4 GB 8 GB	64 GB eMMC	Intel Atom® x7-E3950	11.02.100
DVG-VMT9012	Industrial PC/ Terminal	4 GB 8 GB	64 GB eMMC	Intel Atom® x7-E3950	11.02.100
DVG-VMT9015	Industrial PC/ Terminal	4 GB 8 GB	64 GB eMMC	Intel Atom® x7-E3950	11.02.100
DVG-VMT9112	Industrial PC/ Terminal	4 GB 8 GB	64 GB eMMC	Intel Atom® x7-E3950	11.02.100

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1 https://www.igel.com/linux-3rd-party-hardware-database/
2 https://www.igel.com/technology-partners/

Advantech

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
POC-W213L	Medical All in One	4 GB	128 GB	Intel Core i7-7300U	11.01.100
POC-W243L*(see page 16)	Medical All in One	4 GB	32 GB	Intel Kaby Lake Core i5-7300U	11.01.110
POC-W243L*(see page 16)	Medical All in One	4 GB	128 GB	Intel Core i7-7300U	11.01.100

Advantech-DLoG

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
DLT-V6210	Industrial PC/ Terminal	4 GB	32 GB	Intel Atom	11.01.100
DLT-V7210 K	Industrial PC/ Terminal	4 GB	4 GB	Intel Atom E3845	11.01.100

Dell / Wyse

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version	Note
5040 / 5212	All in One	2 GB	2 GB	AMD G-T48E	11.01.100	
3040	Thin Client	2 GB	8 GB	Intel Atom x5-Z8350	11.01.100	
5020	Thin Client	2 GB	8 GB	AMD G-Series SoC	11.02.140	
5060	Thin Client	4 GB	8 GB	AMD GX-424CC	11.01.100	

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version	Note
5070	Thin Client	8 GB	32 GB	Intel Celeron J4105	11.01.100	
Latitude 5510	Laptop/ Notebook	8 GB	256 GB	Intel Core i5-10210U	11.05.100	Wake-on-LAN functionality is not supported.
Optiplex 3000	Thin Client	4 GB	32 GB	Intel Celeron N5105	11.08.200	

Dynabook

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
Portegé X20W-D	Laptop/ Notebook	8 GB	256 GB	Intel Core i5-7200U	11.01.100
Portegé X30-D	Laptop/ Notebook	8 GB	256 GB	Intel Core i5-7300U	11.01.100
Tecra C50	Laptop/ Notebook	4 GB	500 GB	Intel i5-4210U	11.01.100
Tecra Z50-D	Laptop/ Notebook	8 GB	256 GB	Intel Core i5-7200U	11.01.100
SATELLITE R50	Laptop/ Notebook	4 GB	500 GB	Intel i3-6006U	11.01.100

Elo

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
i2 Touch (15 and 22 inches)	All in One	8 GB	128 GB	Intel Core i3-8100T	11.05.100

Fujitsu

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
Q957	Desktop PC	8 GB	500 GB	Intel Core i3-6100	11.02.100
FUTRO S740	Thin Client	4 GB	8 GB	Intel Celeron J4105	11.04.100

HP

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version	Wi-Fi Chip	Note
HP t420	Thin Client	2 GB	8 GB	AMD Embedded G-Series GX-209JA	11.02.100		
HP t430	Thin Client	2 GB	16 GB	Intel®Celeron® N4020	11.01.110		
HP t530	Thin Client	4 GB	8 GB	AMD GX-215JJ Dual-Core	11.01.100		
HP t630	Thin Client	4 GB	8 GB	AMD GX-420GI	11.01.100		
HP t730	Thin Client	16 GB	8 GB	AMD RX-427BB APU	11.01.100		
HP t820	Thin Client	16 GB	16 GB	Intel Core i5-4570S	11.01.100		
HP t640	Thin Client	4 GB	16 GB	AMD Ryzen R1505G	11.04.100		

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version	Wi-Fi Chip	Note
HP t540	Thin Client	16 GB	16 GB	AMD Ryzen Embedded R1305G	11.06.100		
HP mt46	Mobile Thin Client	8 GB	32 GB	AMD Ryzen 3 PRO 4450U	11.07.100		Excluding support for WWAN and Wake-on-LAN (both features are planned)
HP Elite t655	Thin Client	4 GB / 8 GB	32 GB	AMD Ryzen Embedded R2314	11.07.160		
HP Elite mt645 G7	Mobile Thin Client	8 GB	256 GB	AMD Ryzen 3 5425U	11.08.230		Support for WWAN Intel XMM 7560 R+ (as of 11.08.330) Excluding support for Wake-on-LAN (feature is planned) Excluding support for built-in fingerprint sensor
				AMD Ryzen 5 5625U	11.08.330		
HP t740	Thin Client	8 GB	16 GB	AMD Ryzen Embedded V1756B	11.08.290		
HP Pro t550	Thin Client	4 GB	32 GB	Intel Celeron J6412	11.08.330	Realtek RTL8852 CE (Supported as of 11.09.150)	
HP Pro mt440 G3	Mobile Thin Client	8 GB	128 GB	Intel Celeron 7305	11.08.440		Excluding support for WWAN Intel XMM 7560 R+ (feature is planned)

HP Docking Stations

Name	Supported from IGEL OS Version
HP USB-C Docking Station G5	11.08.230
HP USB-C G5 Essential Dock	11.08.290

Intel

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
NUC 5i5MYHE	Desktop PC	2 GB	32 GB	Intel i5-5300U	11.01.100
NUC 5i3RYH	Desktop PC	2 GB	2 GB	Intel i3-5010U	11.01.100
NUC 7CJYH	Desktop PC	2 GB	4 GB	Intel Celeron J4005	11.01.100

Lenovo

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Wi-Fi Chip	Supported from IGEL OS Version	Note
ThinkCentre M625q	Desktop PC	4 GB	32 GB	AMD E2-9000e	Intel AC9260	11.04.100	
		8 GB	128 GB	AMD A4-9120e	QCA6174 802.11ac	11.04.100	
ThinkCentre M75n	Desktop PC	8 GB	256 GB	AMD Ryzen 3 Pro 3300U	Intel AC9260	11.05.100	
ThinkCentre M70q Gen1	Desktop PC	16 GB	256 GB	Intel i5-10500t	Comet Lake PCH CNVi WiFi, Intel	11.05.100	
ThinkCentre M70q Gen 3	Desktop PC	16 GB	256 GB	Intel Core i5-12500T	Intel AX201	11.08.240	

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Wi-Fi Chip	Supported from IGEL OS Version	Note
ThinkCentre M75q Gen 2	Desktop PC	4 GB	128 GB	AMD Ryzen 3 Pro 5350GE	Intel AX200	11.08.240	
K14 AMD Gen 1	Laptop/ Notebook	8 GB	256 GB	AMD Ryzen 5 PRO 5650U	Mediatek MT7921	11.08.240	
ThinkPad L14 AMD Gen 1	Laptop/ Notebook	64 GB	1 TB	AMD Ryzen 7 Pro 4750U	Wi-Fi 6 AX200, Intel	11.05.100	
14w	Laptop/ Notebook	4 GB	64 GB	AMD A6-9220C	QCA6174 802.11ac	11.05.100	
ThinkPad L14 AMD Gen 3	Laptop/ Notebook	16 GB	256 GB	AMD Ryzen 5 5625U	AMD RZ616 2X2AX (WiFi 6E)	11.08.230	Excluding support for WWAN
ThinkCentre Neo50q Gen 4	Thin Client	8 GB	256 GB	Intel Core i3-1215U	Wi-Fi 6 RTL8852BE	11.08.240	
		4 GB	256 GB	Intel Celeron 7305	Wi-Fi 6 AX201		
K14 Intel Gen 1	Laptop/ Notebook	16 GB	256 GB	Intel Core i5-1135G7	Intel AX210 WiFi / BT combo	11.08.290	
ThinkPad L14 Intel Gen 3	Laptop/ Notebook	16 GB	512 GB	Intel Core i5-1235U	Intel Wi-Fi 6 AX201 2x2 AX vPro	11.08.330	LTE support as of 11.08.360
ThinkEdge SE10	Thin Client	8 GB	1 TB	Intel Atom x6425RE	MediaTek MT7921LEN	11.08.360	
			256 GB	Intel Atom x6214RE	Intel AX210	11.08.360	
ThinkPad L14 AMD Gen 4	Thin Client	8 GB	256 GB	AMD Ryzen 3 Pro 7330U	AMD RZ616 Realtek RTL8852CE	11.08.440	Quectel EM05-G 4G CAT4

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Wi-Fi Chip	Supported from IGEL OS Version	Note
ThinkPad L15 AMD Gen4	Thin Client	8 GB	256 GB	AMD Ryzen 3 Pro 7330U	AMD RZ616 / Realtek RTL8852CE	11.08.440	Quectel EM05-G 4G CAT4
ThinkPad L14 Intel Gen 4	Laptop/ Notebook	8 GB	256 GB	Intel Core i3-1315U	Intel AX211	11.09.100	Quectel EM05-G 4G CAT4
ThinkPad L15 Intel Gen 4	Laptop/ Notebook	8 GB	256 GB	Intel Core i3-1315U	Intel AX211	11.09.100	Quectel EM05-G 4G CAT4
ThinkPad L13 Intel Gen 4	Laptop/ Notebook	8 GB	256 GB	Intel Core i3-1315U	Intel AX201	11.09.210	Quectel EM05-G 4G CAT4 No integrated LAN
ThinkPad L13 AMD Gen 4	Laptop/ Notebook	16 GB	256 GB	AMD Ryzen 3 PRO 7330U	AMD RZ616	11.09.210	Quectel EM05-G 4G CAT4 No integrated LAN

Lenovo Docking Stations

Name	Supported from IGEL OS Version
ThinkPad USB-C Hybrid Dock	11.07.100
IOBOX	11.07.100
Lenovo Universal USB-C Dock	11.08.440

LG

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
24CK550** (see page 16)	All in One	4 GB	32 GB	AMD G-Series GX-212JJ	11.01.100
24CK560** (see page 16)	All in One	4 GB	32 GB	AMD G-Series GX-212JJ	11.01.100
CK500	Thin Client	4 GB	32 GB	AMD G-Series GX-212JJ	11.01.100
38CK950	All in One	8 GB	128 GB	AMD Ryzen 3	11.02.100
38CK900	All in One	8 GB	128 GB	AMD Ryzen 3	11.02.100
CL600N	Thin Client	4 GB	16 GB	Intel® Celeron J4105	11.03.100
CL600W	Thin Client	8 GB	128 GB	Intel® Celeron J4105	11.03.100
34CN650	All in One	4 GB	16 GB	Intel® Celeron J4105	11.05.100
24CN650	All in One	8 GB	16 GB	Intel® Celeron J4105	11.05.100
27CN650	All in One	8 GB	16 GB	Intel® Celeron J4105	11.05.100
CQ600	Thin Client	4 GB	16 GB	Intel Celeron N5105	11.08.330
24CQ650	All in One	4 GB	16 GB	Intel Celeron N5105	11.08.330
CQ601	Thin Client	4 GB	16 GB	Intel Pentium Silver N6005	11.08.360
24CR670	All in One	4 GB	16 GB	Intel Celeron N5105	11.09.110
34CR650	All in One	4GB	16 GB	Intel Celeron N5105	11.09.210

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
27CQ650	All in One	4GB	16 GB	Intel Celeron N5105	11.09.210

LG Docking Stations

Name	Supported from IGEL OS Version
LG USB Multi Port Hub	11.09.100

OnLogic

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
CL210G-10	Industrial PC/ Terminal	4 GB	32 GB	Intel Celeron N3350	11.04.100
KARBON 300	Desktop PC	4 GB	32 GB	Intel Atom x5-E3930	11.04.100

Onyx Healthcare

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
Venus 223	Medical All in One	4 GB	128 GB	Intel Quad-Core J1900	11.01.100

Pepperl+Fuchs

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
BTC12N	Industrial Box Thin Client	4 GB	32 GB	Intel Apollo Lake N4200	11.09.100

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
BTC14N	Industrial Box Thin Client	4 GB	32 GB	AMD Ryzen Embedded V1202B	11.09.100

Rein Medical

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
Silenio C122	All in One	8 GB	128 GB	Intel® Core™ i5 – 6th Generation	11.01.110
Silenio C124	All in One	8 GB	128 GB	Intel® Core™ i5 – 6th Generation	11.01.110
Clinio S 522TCT	Medical All in One	8 GB	16 GB	Intel® Pentium® Silver J5005	11.04.100
Clinio S 524TCT	Medical All in One	8 GB	16 GB	Intel® Pentium® Silver J5005	11.04.100

Secunet

Name	Device Category	Minimum Memory (RAM) Size	Storage Size	Processor	Supported from IGEL OS Version
SINA Workstation S EliteDesk 800 G2	Workstation	16 GB	256 GB	Intel Core i7-6700	11.01.100

USB Memory Sticks That Can Be Used as Alternative UD Pocket Hardware

DIGITTRADE

Name	Storage	Supported from IGEL OS Version
Kobra Stick	≥ 4GB	11.05.133

Officially Supported Virtual Environments

- Tested with Ubuntu (64-bit) and default settings

⚠ Note that the use of a UD Pocket within a virtual machine is **not** supported by IGEL.

ⓘ For some features, more than 2 GB RAM is required. Example: if you use dual monitor environments, a virtual machine must have at least 8 GB RAM.

Name	Memory (RAM)	Storage	Type	Supported from IGEL OS Version
Oracle VM VirtualBox	≥ 2 GB	≥ 4 GB	Linux	11.04.100
VMware Workstation	≥ 2 GB	≥ 4 GB	Linux	11.04.100

* Delock Adapter DP 1.2 to DVI does not work.

** When using an additional 4k screen with this device, please edit the BIOS settings as follows:

1. Go to the **Chipset** screen.
2. Set **Integrated Graphics** to "Force".
3. Set **UMA Frame Buffer Size** to "256M" or higher

IGEL Devices Supported by IGEL OS 11

Core Requirements for IGEL OS 11

- CPU with 64-bit support
- CPU speed: ≥ 1 GHz
- Memory (RAM): ≥ 2 GB

> ⓘ RAM size higher than 2 GB is recommended if you use any of the following:
> - Unified Communications optimizations (uses a client-side media engine)
> - High-resolution graphics output
>   For details on the supported graphics-related characteristics of IGEL devices, see Graphics on IGEL Devices or, for older devices, Graphics on Legacy IGEL Devices.
> - More than two monitors

- Storage: 2 GB minimum; ≥ 4 GB recommended

> ⓘ **Storage Requirements for IGEL OS 11.04 or Higher**
>
> IGEL OS 11.04.100 or higher requires at least 2.4 GB storage if the full feature set is applied. Thus, the feature set must be modified accordingly; for more information, see Error: "Not enough space on local drive" when Updating to IGEL OS 11.04 or Higher.

IGEL Devices Supported by IGEL OS 11

IGEL UD (Universal Desktop)

Product Line	Device Type	Hardware ID	64 Bit	Memory (RAM)	Storage	HW Video Acceleration
UD2****(see page 18)	D220	40	Yes	2 GB	4 GB	Yes
UD2	M250C	50	Yes	2 GB	4 GB	Yes
UD2	M250C	51 / 52***(see page 18)	Yes	2 or 4 GB	8 GB	Yes
UD3*(see page 18)	M340C	50	Yes	2 GB	4 GB	Yes
UD3	M340C	51	Yes	2 GB	4 GB	Yes
UD3	M350C	60	Yes	4 GB	8 GB	Yes

Product Line	Device Type	Hardware ID	64 Bit	Memory (RAM)	Storage	HW Video Acceleration
UD5*(see page 18)	H830C	50	Yes	2 GB	4 GB	Yes
UD6	H830C	51	Yes	2 GB	4 GB	Yes
UD7	H850C	10	Yes	4 GB	4 GB	Yes
UD7**(see page 18)	H850C	11	Yes	4 GB	4 GB	Yes
UD7	H860C	20	Yes	8 GB	8 GB	Yes
UD9*(see page 18)	TC215B	40 / 41 (Touch)	Yes	2 GB	4 GB	Yes

* IGEL UD3-LX 50 and UD5-LX 50 are supported up to IGEL OS 11.05, incl. private builds. IGEL UD9-LX 40 / 41 (Touch) devices are supported up to IGEL OS 11.07.910.

** As of December 2019, IGEL UD7 model H850C is equipped with the AMD Secure Processor; for further information, see UD7 Model H850C.

*** IGEL UD2-LX 52 is supported with IGEL OS 11.06.140 and later.

**** UD2-LX 40 (model D220) is supported up to IGEL OS 11.08.200. For an overview of the end-of-sales (EOS) and end-of-maintenance (EOM) dates for IGEL devices, see IGEL Devices after the Launch of IGEL OS 11 (after February 2019).

IGEL Zero

> ⓘ **Note on IZ Devices**
>
> The IZ devices listed below can be upgraded to IGEL OS 11. To upgrade your IZ devices to IGEL OS 11, please contact your IGEL sales representative. See also https://www.igel.com/os11migration/.

Product Line	Device Type	Hardware ID	64 Bit	Memory (RAM)	Storage	UEFI Secure Boot Support	HW Video Acceleration
IZ2	D220	40	Yes	2 GB	4 GB	Yes	Yes
IZ3	M340C	50	Yes	2 GB	4 GB	Yes	Yes
IZ3	M340C	51	Yes	2 GB	4 GB	Yes	Yes

Devices Supported by IGEL OS 11(RPI4)

Core Requirements

- CPU with 64-bit support
- CPU speed: ≥ 1 GHz
- Memory (RAM): ≥ 2 GB

NComputing

Name	Memory (RAM)	Storage	Processor	Supported from IGEL OS(RPI4) Version	Datasheet
RX420(IGEL)	2 GB	16 GB internal Micro SD card	Broadcom BCM2711	11.01.100	RX420_440-IGEL.pdf
RX440(IGEL)	4 GB	16 GB internal Micro SD card	Broadcom BCM2711	11.01.111	

Devices Supported by IGEL OS 10

Core Requirements

- CPU with 64-bit support
- CPU speed: ≥ 1 GHz
- Memory (RAM): ≥ 2 GB

> ⓘ With devices that have 2 GB RAM and shared video memory, a maximum of 512 MB may be used as video memory.

- Storage: ≥ 2 GB
- No VIA graphic adapter; VIA graphics support is discontinued in UDC3.

Devices Officially Supported by UDC3 and UD Pocket with IGEL OS 10

> ⓘ For some of the devices listed here, Flash memory must be extended to ≥ 2 GB. For these devices, an appropriate note is added.

Acer

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
Vertion N211OG	yes	16 GB	8 GB	AMD G-T56N	10.01.100

Advantech

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
POC-W213	yes	4 GB	128 GB	Intel Core i7-6600U	10.03.210
POC-W243	yes	4 GB	128 GB	Intel Core i7-6600U	10.03.210

Advantech-DLoG

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
DLT-V6210	yes	4 GB	32 GB	Intel Atom	10.02.120
DLT-V7210	yes	4 GB	4 GB	Intel Atom E3845	10.01.100
DLT-V7210 K	yes	4 GB	4 GB	Intel Atom E3845	10.03.210
DLT-V7212	yes	4 GB	4 GB	Intel Atom E3845	10.01.100

Dell / Wyse

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
(AiO)*(see page 25) 5040 (=5212)	yes	2 GB	2 GB	AMD G-T48E	10.04.270
D10D	yes	2 GB	2 GB	AMD G-T48E	10.01.100
D50D	yes	2 GB	8 GB	AMD G-T48E	10.01.100
Z50D	yes	2 GB	2 GB	AMD G-T56N	10.01.100
Z90Q7	yes	4 GB	16 GB	AMD GX-420CA	10.01.100
Z90QQ7	yes	4 GB	16 GB	AMD GX-415GA	10.01.100
3040	yes	2 GB	8 GB	Intel Atom x5-Z8350	10.04.270
5060	yes	4 GB	8 GB	AMD GX-424CC	10.01.100
5070	yes	8 GB	32 GB	Intel Celeron J4105 1,5 GHz	10.05.500
Optiplex 9020	yes	8 GB	320 GB	Intel Core i5-4590S	10.06.130
Latitude E6440	yes	8 GB	500 GB	Intel Corei5-4300M	10.06.130

Fujitsu

Name	64-bit	Memory (RAM)	Storage	Prozessor	Supported from IGEL OS version
Futro S720	yes	2 GB	2 GB	AMD GX-222GA	10.01.100
Futro S920	yes	2 GB	2 GB	AMD GX-415GA	10.01.100
Futro X913	yes	2 GB	≥ 2 GB (Flash extension might be necessary)	AMD G-T44R	10.01.100
Futro X923	yes	2 GB	2 GB	AMD GX-415 GA	10.01.100

HP

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
t520	yes	8 GB	8 GB	AMD GX-212JC	10.01.100
t530	yes	4 GB	8 GB	AMD GX-215JJ Dual-Core	10.05.570
t610	yes	2 GB	≥ 2 GB (Flash extension might be necessary)	AMD T56N APU	10.01.100
t620	yes	16 GB	8 GB	AMD GX-217GA APU	10.01.100
T630	yes	4 GB	8 GB	AMD GX-420GI	10.04.270
t730	yes	16 GB	8 GB	AMD RX-427BB APU	10.01.100
t820	yes	16 GB	16 GB	Intel Core i5-4570S	10.01.100
EliteDesk 800 G3	yes	8 GB	128 GB	Intel Core i3 – i7	10.05.812
EliteDesk 800 G3 mini	yes	8 GB	256 GB	Intel Core i5-7500	10.05.812
EliteDesk 800 G1 SFF	yes	4 GB	128 GB	Intel Core i5-4570	10.06.130
HP EliteBook 840 G3	yes	16 GB	256 GB	Intel® Core™ i7-6500U	10.06.130
Compaq Elite 8300	yes	8 GB	500 GB	Intel Core i5-3470	10.05.812

Intel

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
Compute Stick STK2m3W64CC	yes	4 GB	64 GB	Intel Core m3-6Y30	10.02.120
NUC 5i5MYBE	yes	2 GB	32 GB	Intel i5-5300U	10.04.270
NUC 5i3RYH	yes	2 GB	2 GB	Intel i3-5010U	10.04.270
NUC 7CJYH	yes	2 GB	4 GB	Intel Celeron J4005	10.04.270

Lenovo

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
ThinkCentre M700	yes	4 GB	500 GB	Intel Core i3-6100T	10.01.100
Tiny M600	yes	4 GB	500 GB	Intel Pentium N3700	10.03.210

LG

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
(AiO)*(see page 25) 24CK550N	yes	4 GB	32 GB	AMD G-Series GX-212JJ	10.04.270
(AiO)*(see page 25) 24CK550W	yes	4 GB	32 GB	AMD G-Series GX-212JJ	10.04.270
CK500W	yes	4 GB	32 GB	AMD G-Series GX-212JJ	10.05.500

Onyx Healthcare

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
Venus 222	yes	4/8 GB	≥ 2 GB (Flash extension might be necessary)	Intel Celeron J1900	10.01.100
Venus 223	yes	4 GB	128 GB	Intel Quad-Core J1900	10.05.500

Secunet

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
SINA Workstation S EliteDesk 800 G2	yes	16 GB	256 GB	Intel Core i7-6700	10.03.500

Stone

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
N130 Notebook	yes	8 GB	750 GB	Intel Core i7-6700	10.01.100

Toshiba

Name	64-bit	Memory (RAM)	Storage	Processor	Supported from IGEL OS version
Portegé X20W-D	yes	8 GB	256 GB	Intel Core i5-7200U	10.03.210
Portegé X30-D	yes	8 GB	256 GB	Intel Core i5-7300U	10.03.210
Tecra C50	yes	4 GB	500 GB	Intel i5-4210U	10.04.270
Tecra Z50-D	yes	8 GB	256 GB	Intel Core i5-7200U	10.03.210
SATELLITE R50	yes	4 GB	500 GB	Intel i3-6006U	10.04.270

* AiO = All in One

IGEL Devices Supported by IGEL OS 10

Core Requirements for IGEL OS 10

- CPU with 64-bit support
- Memory (RAM): 2 GB
- Storage: 2 GB

IGEL Devices Supported by IGEL OS 10

IGEL UD (Universal Desktop)

Product Line	Device Type	Hardware ID	64 Bit	Memory (RAM)	Storage	UEFI Secure Boot Support	HW Video Acceleration
UD2	D220	40	Yes	2 GB	4 GB	Yes	Yes
UD3	M340C	50	Yes	2 GB	4 GB	Yes	Yes
UD3	M340C	51	Yes	2 GB	4 GB	Yes	Yes
UD5	H830C	50	Yes	2 GB	4 GB	Yes (BIOS/UEFI update may be necessary)	Yes
UD6	H830C	51	Yes	2 GB	4 GB	Yes (BIOS/UEFI update may be necessary)	Yes
UD7	H850C	10	Yes	4 GB	4 GB	Yes	Yes
UD9	TC215B	40 / 41 (Touch)	Yes	2 GB	4 GB	Yes	Yes

IGEL Zero

Product Line	Device Type	Hardware ID	64 Bit	Memory (RAM)	Storage	UEFI Secure Boot Support	HW Video Acceleration
IZ2	D220	40	Yes	2 GB	4 GB	Yes	Yes
IZ3	M340C	50	Yes	2 GB	4 GB	Yes	Yes
IZ3	M340C	51	Yes	2 GB	4 GB	Yes	Yes

Partial Support

> ⓘ The following devices were supplied with 1 GB RAM; a RAM upgrade is therefore necessary.

Product Line	Device Type	Hardware ID	64 Bit	Memory (RAM)	Storage	UEFI Secure Boot Support	HW Video Acceleration
UD3	M320C	40	Yes	2 GB (after upgrade)	2 GB	No	No
UD3	M330C	41 / 42	Yes	2 GB (after upgrade)	2 GB	No	No
UD5	H820C	40	Yes	2 GB (after upgrade)	2 GB	No	Yes
UD10	TC236	10 / 10 (Touch)	Yes	2 GB (after upgrade)	2 GB	No	No

IGEL Devices and Supported Firmware

Prod uct Line	Hard ware ID	Devic e Type	CPU	64 Bi t	RAM	Storage	UEFI Secur e Boot Suppo rt** (see page 34)	IGEL Linu x v5	IGE L OS 10	IGE L OS 11	WES 7	WES 7+	W10 IoT
IZ2	40	D220	Intel Atom E3815 1.46 GHz (Single-Core)	Ye s	2 GB	4 GB	Yes	x	x	x*** (see page 34)			
IZ3	50	M340 C	AMD G-Series GX-412HC 1.2 – 1.6 GHz (Quad-Core)	Ye s	2 GB	4 GB	Yes	x	x	x*** (see page 34)			
IZ3	51	M340 C	AMD G-Series GX-412HC 1.2 – 1.6 GHz (Quad-Core)	Ye s	2 GB	4 GB	Yes		x	x*** (see page 34)			
UD2	30	D210	VIA Eden 500 MHz	No	1 GB	1 GB	No	x					
UD2	31	D210	VIA Eden ULV 1 GHz	No	1 GB	2 GB	No	x					
UD2	40	D220	Intel Atom E3815 1.46 GHz (Single-Core)	Ye s	2 GB	4 GB	Yes	x	x	x			
UD2	50	M250 C	Intel Atom x5-	Ye s	2 GB	4 GB	Yes			x			

Product Line	Hardware ID	Device Type	CPU	64 Bit	RAM	Storage	UEFI Secure Boot Support** (see page 34)	IGEL Linux v5	IGEL OS 10	IGEL OS 11	WES 7	WES 7+	W10 IoT
			E8000 1.04 – 2.0 GHz (Quad-Core)										
UD2	51	M250C	Intel Atom x5-E8000 1.04 – 2.0 GHz (Quad-Core)	Yes	2 GB	8 GB	Yes			x			
UD2	52	M250C	Intel Celeron N3160 1.6 – 2.24 GHz (Quad-Core)	Yes	2 or 4 GB	8 GB	Yes			x			
UD3	40	M320C	VIA Eden X2 1 GHz	Yes	2 GB (after upgrade)	2 GB	No	x	x*				
UD3	41	M330C	VIA Eden X2 1 GHz	Yes	2 GB (after upgrade)	2 GB	No	x	x*		x		
					2 GB$^{WES\,7}$	4 GB$^{WES\,7}$							
UD3	42	M330C	VIA Eden X2 1 GHz	Yes	2 GB (after	2 GB	No	x	x*		x	x	

Product Line	Hardware ID	Device Type	CPU	64 Bit	RAM	Storage	UEFI Secure Boot Support** (see page 34)	IGEL Linux v5	IGEL OS 10	IGEL OS 11	WES 7	WES 7+	W10 IoT
					upgrade)								
					2 GB^{WES 7/7+}	4 GB^{WES 7}							
						8 GB^{WES 7+}							
UD3	50	M340 C	AMD G-Series GX-412HC 1.2 – 1.6 GHz (Quad-Core)	Yes	2 GB	4 GB	Yes	x	x	x		x	x
						32 GB^{WES 7+/W10}							
UD3	51	M340 C	AMD G-Series GX-424CC 2.4 GHz (Quad-Core)	Yes	2 GB	4 GB	Yes		x	x			x
					4 GB^{W10}	32 GB^{W10}							
UD3	60	M350 C	AMD Ryzen™ Embedded R1505G 2 – 2.7 GHz (Dual-Core)	Yes	4 GB	8 GB	Yes			x			
UD5	40	H820 C*	Intel Celeron 847 1.1 GHz	Yes	2 GB (after upgrade)	2 GB	No	x	x*		x	x	

Prod uct Line	Hard ware ID	Devic e Type	CPU	64 Bi t	RAM	Storage	UEFI Secur e Boot Suppo rt** (see page 34)	IGEL Linu x v5	IGE L OS 10	IGE L OS 11	WES 7	WES 7+	W10 IoT
					2 GB^{WES 7/7+}	4 GB^{WES 7}							
						8 GB^{WES 7+}							
UD5	50	H830 C	Intel Celeron J1800 2.41 – 2.58 GHz (Dual-Core)	Ye s	2 GB	4 GB	Yes (BIOS/ UEFI updat e may be necess ary)	x	x	x	x	x	x
					4 GB^{WES 7/7+/W10}	32 GB^{WES 7/7+/W10}							
UD6	51	H830 C	Intel Celeron J1900 1.99 – 2.42 GHz (Quad-Core)	Ye s	2 GB	4 GB	Yes (BIOS/ UEFI updat e may be necess ary)	x	x	x	x	x	x
					4 GB^{WES 7/7+/W10}	32 GB^{WES 7/7+/W10}							
UD7	10	H850 C	AMD RX-216GD 1.6 – 3.0 GHz (Dual-Core)	Ye s	4 GB	4 GB	Yes		x	x			x
						32 GB^{W10}							
UD7	11	H850 C	AMD RX-216GD 1.6 – 3.0 GHz (Dual-Core)	Ye s	4 GB	4 GB	Yes			x			
UD7	20	H860 C	AMD Ryzen™ Embedde d	Ye s	8 GB	8 GB	Yes			x			

Product Line	Hardware ID	Device Type	CPU	64 Bit	RAM	Storage	UEFI Secure Boot Support** (see page 34)	IGEL Linux v5	IGEL OS 10	IGEL OS 11	WES 7	WES 7+	W10 IoT
			V1605B 2 – 3.6 GHz (Quad-Core)										
UD9	30	TC215	Intel Atom N270 1.6 GHz (Single Core)	No	1 GB	2 GB	No	x					
UD9	30c	TC215	Intel Atom N270 1.6 GHz (Single Core)	No	2 GB	4 GB$^{WES\,7}$ 8 GB$^{WES\,7+}$	No				x	x	
UD9	730	TC215	Intel Atom N270 1.6 GHz (Single Core)	No	2 GB	4 GB	No				x		
UD9	731 (Touch)	TC215	Intel Atom N270 1.6 GHz (Single Core)	No	2 GB	4 GB	No				x		
UD9	31 (Touch)	TC215	Intel Atom N270 1.6 GHz	No	1 GB	2 GB	No	x					

Product Line	Hardware ID	Device Type	CPU	64 Bit	RAM	Storage	UEFI Secure Boot Support** (see page 34)	IGEL Linux v5	IGEL OS 10	IGEL OS 11	WES 7	WES 7+	W10 IoT
			(Single Core)										
UD9	31c (Touch)	TC215	Intel Atom N270 1.6 GHz (Single Core)	No	2 GB	8 GB	No				x	x	
UD9	40	TC215B	Intel Celeron J1900 1.99 – 2.42 GHz (Quad-Core)	Yes	2 GB	4 GB	Yes	x	x	x			
UD9	40c	TC215B	Intel Celeron J1900 1.99 – 2.42 GHz (Quad-Core)	Yes	4 GB	4 GB	Yes				x	x	x
UD9	41 (Touch)	TC215B	Intel Celeron J1900 1.99 – 2.42 GHz (Quad-Core)	Yes	2 GB	4 GB	Yes	x	x	x			
UD9	41c (Touch)	TC215B	Intel Celeron J1900 1.99 –	Yes	4 GB	4 GB	Yes				x	x	x

Product Line	Hardware ID	Device Type	CPU	64 Bit	RAM	Storage	UEFI Secure Boot Support** (see page 34)	IGEL Linux v5	IGEL OS 10	IGEL OS 11	WES 7	WES 7+	W10 IoT
			2.42 GHz (Quad-Core)										
UD10	10	TC236	VIA Eden X2 1 GHz	Yes	2 GB (after upgrade)	2 GB	No	x	x*				
UD10	10 (Touch)	TC236	VIA Eden X2 1 GHz	No	2 GB (after upgrade)	2 GB	No	x	x*				
UD10	10c	TC236	VIA Eden X2 1 GHz	No	2 GB	4 GB$^{WES\ 7}$ 8 GB$^{WES\ 7+}$	No				x	x	
UD10	10c (Touch)	TC236	VIA Eden X2 1 GHz	No	2 GB	4 GB$^{WES\ 7}$ 8 GB$^{WES\ 7+}$	No				x	x	

* Limited support only. For further information, see IGEL Devices Supported by IGEL OS 10(see page 26).

** UEFI Secure Boot has been introduced to IGEL devices as of IGEL OS 10.04.100 and as of Microsoft Windows 10 IoT 4.03.100.

*** To upgrade to IGEL OS 11, please contact your IGEL sales representative. See also https://www.igel.com/os11migration/.