

INDUSTRIAL PC & IMAGING

RELIABLE | CUSTOMIZED | MADE IN GERMANY



pyramid
building IT

PRODUCTS

The right product at your fingertips



Huge product variety

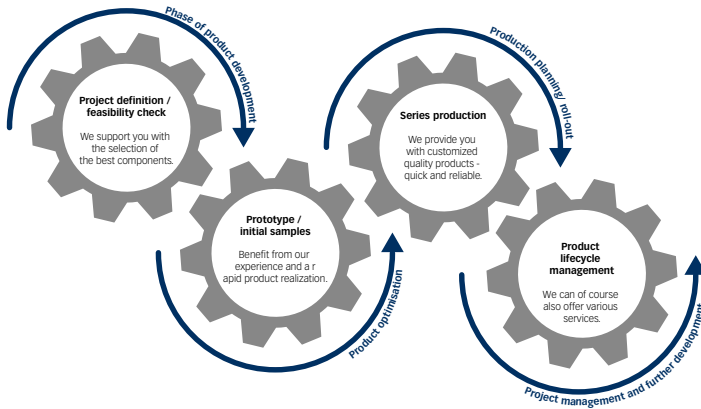
We're the experts for Industrial PCs & Imaging...

...because we support our customers with IPC solutions for more than 30 years.

We develop and produce customized IT system solutions. PC modules are built to proven standards, have a modular design and are readily available,

even in harsh environments. Our portfolio offers the entire process cycle – starting from the product idea to series production as well as after sales service.





CUSTOMIZED

We will find the most suitable solution for your requirements at an attractive price with our modular chassis solutions.

Pyramid benefits:

Modular systems

- Scalability – Tailor-made performance
- Customized chassis
- Own brand identity

Long-term availability

- Security of investment
- Lifecycle Management

Fit on all demands

- Reliability
- Robustness
- Maintenance friendliness

Service

- Technical Support
- Global Service programme

Made in Germany

- Short lead time
- Free choice of materials
- High-grade industrial components

Product certifications





IPC-FLEX MINI

IPC-Flex mini

The IPC-Flex is the high performance solution for industrial picture processing.

The compact and service friendly system is able to operate in temperature ranges above 50 degrees celsius without any problems, which makes it a perfect industrial solution. Various building options allow a flexible and diverse usage.

Highlights

- very compact and service friendly PC
- operating temperature up to + 50° C
- intelligent cooling concept

RACK option	✓
Desktop option	✓
Wallmount option	✓
DIN Rail option	-
Dust filter	✓
AC	-
DC (up to 24V)	✓
Hot swap drive	-
Expansion slots	-
Power class (CPU max)	tbd



PyBox m

PyBox m

Pyramid offers specially adapted and compact platforms which are designed for application in machines, control cabinets or as standalone PC.

Individual hardware requirements, e.g. dust and corrosion protection, can be realized easily thanks to the modular design, chassis and installation solutions.

The configurations which are shown here are merely a variety of configurations.

However, we would be pleased to provide you a product that is optimally tailored to your needs.

Highlights

- very compact design
- 1x expansion slot full height
- 2x slot brackets for further I/O
- Passive or active cooling

RACK option	-
Desktop option	✓
Wallmount option	✓
DIN Rail option	-
Dust filter	-
AC	-
DC (up to 24V)	✓
Hot swap drive	-
Expansion slots	1 x FH
Power class (CPU max)	25W



PyBox mini

PyBox mini

PyBox mini is an extra compact and quiet Box PC with removable dust filters for use in harsh environments. The optional lockable dust filter flap secures hot swap drives.

Highlights

- Extra compact and quiet Box PC
- Flexible mounting on DIN rail, wall mount or 19" rack
- Optional lockable dust filter flap secures hot swap drives



dust filter with lock

RACK option	✓
Desktop option	✓
Wallmount option	✓
DIN Rail option	✓
Dust filter	✓
AC	✓
DC (up to 24V)	✓
Hot swap drive	✓
Expansion slots	1 x LP
Power class (CPU max)	35W



PyBox midi

PyBox midi is a high-performance, compact and quiet Box PC.

Due to its low installation depth the system can be used as a desktop or an embedded system.

Highlights

- High-performance, compact and quiet Box PC - only 300 mm depth
- Wall mounting or 19" rack
- Optional lockable dust filter flap secures hot swap drives
- 4 x expansion slots low profile



19" mounting option

RACK option	✓
Desktop option	✓
Wallmount option	✓
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	-
Hot swap drive	✓
Expansion slots	4 x LP
Power class (CPU max)	65W



PyBox compact

PyBox compact

PyBox compact combines high performance and high density.

The robust and reliable Industrial Box PC is suitable for use in harsh environments and is also characterized by its interfaces which are easily accessible at the front.

Highlights

- High performance and high density
- Wall mounting
- Front I/O, 4x slots full height
- Easily replaceable dust filter
- Available as AC and DC version

RACK option	-
Desktop option	✓
Wallmount option	✓
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	✓
Hot swap drive	✓
Expansion slots	4x FH
Power class (CPU max)	65W



PyRa Front 1U ultrashort

PyRa Front 1U ultrashort

PyRa Front 1U ultrashort is distinguished by its low installation depth of only 220 mm and is available as an AC or DC version.

Thanks to its low installation depth the system is particularly suitable for application in the automation industry, measurement technologies and machine vision.

Highlights

- Only 220 mm depth
- Rack mount without rails
- Available as AC and DC version

RACK option	✓
Desktop option	-
Wallmount option	-
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	-
Hot swap drive	✓
Expansion slots	1 x FH
Power class (CPU max)	35W



PyRa Front 4U short

PyRa Front 4U short

PyRa Front 4U short offers plenty of space for high-performance due to its very low installation depth of only 450 mm.

The Front I/O system disposes enough space to accommodate 14 slots by full height and is suitable for the universal application in industries under harsh environments.

Highlights

- Upgradable to Dual Socket CPU
- Plenty of space for high performance
 - 460 mm depth
- Up to 7x slots full height

RACK option	✓
Desktop option	-
Wallmount option	✓
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	✓
Hot swap drive	✓
Expansion slots	7 x FH
Power class (CPU max)	80W



PyRa 1U ultrashort

PyRa 1U ultrashort

PyRa Front 1U ultrashort is distinguished by its low installation depth of only 220 mm and is available with AC or DC power supply.

Rack mounting is possible without rails. Thanks to its low installation depth the system is particularly suitable for the applications in the industries automation, measurement technologies and machine vision.

Highlights

- Only 220 mm depth
- Rack mount without rails
- Available as AC and DC version

RACK option	✓
Desktop option	-
Wallmount option	-
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	-
Hot swap drive	✓
Expansion slots	1 x FH
Power class (CPU max)	35W



PyRa 2U flexi

PyRa 2U flexi

PyRa 2U flexi is a 19" capable PC system with a depth of 420 mm. It has two hot-swappable fans which can be changed during operation. Hence, the system is suitable ideally for the application under harsh environments.

Highlights

- 19" capable PC system - 420 mm depth
- Upgradable to ATX
- Hot swap fans
- 3x expansion slots full height or 7x low profile



Hot-Swap fan with dust filter

RACK option	✓
Desktop option	-
Wallmount option	-
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	-
Hot swap drive	✓
Expansion slots	7x LP
Power class (CPU max)	95W



PyRa 4U short

PyRa 4U short is a real power pack and suitable for the highest demands of machine vision.

The system offers thanks to its expansion slots plenty of space for seven full height cards.

Highlights

- Plenty of space for high performance - 460 mm depth
- Upgradable to Dual Socket CPU
- Up to 7 x slots full height
- Optional redundant AC and DC power supply
- Optional hot swap fans

RACK option	✓
Desktop option	-
Wallmount option	-
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	-
Hot swap drive	✓
Expansion slots	7 x FH
Power class (CPU max)	2x145W



CamCube

CamCube

CamCube is an compact Industrial PC for machine vision and has the standard camera interfaces such as GigE, PoE, USB 3.0, FireWire, CameraLink (CL) and CoaXPRESS (CXP).

The product is available as an AC or DC version and operates reliably even at high operating temperatures as well as in harsh environments.

This can be showed also in the remote maintenance.

Highlights

- Front I/O system with 4 slots
- Interfaces for GigE, PoE and USB 3.0 cameras
- Digital I/O options
- Intel® Core™ i3, i5 or i7 Skylake 6th Generation
- Available as AC and DC version

RACK option	-
Desktop option	✓
Wallmount option	✓
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	✓
Hot swap drive	✓
Expansion slots	4x FH



CamCube GPU

CamCube GPU

CamCube GPU is the high-end version of the CamCube product range. It is specially designed for the high performance requirements of machine vision. This product uses graphics cards (GPU), which are running in parallel to the processors. Fields of application for this product are high performance requirements such as 3D applications, high-resolution cameras and learning algorithms.

Highlights

- Up to 3 GPUs
- High-performance
- Compact design
- Front I/O system with 7 slots



Server version CamRack GPU

RACK option	✓
Desktop option	✓
Wallmount option	✓
DIN Rail option	-
Dust filter	✓
AC	✓
DC (up to 24V)	-
Hot swap drive	✓
Expansion slots	7 x FH

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