Kasli

HKD 1,000

• Artix 7 100T FPGA
• 4Gb DDR3 SDRAM
• 128 Mb SPI Flash
• 3 SFP 6Gb/s slots
• 1 SATA 6Gb/s connector
• Clock recovery and distribution
• 4 MMCX clock outputs
• 4 channel USB connectivity
• I2C tree to EEMs via USB and FPGA
• 8 EEM connectors on board
• 4 EEM on backplane extension

ARTIQ

Kasli
EEM Controller

POWER
12V
5A

JTAG
UART
I2C

CLK

SFP0

SFP1

SFP2

BNC DIO

HKD 1,000

ARTIQ

BNC-DIO

• 8 channel TTL I/O

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.
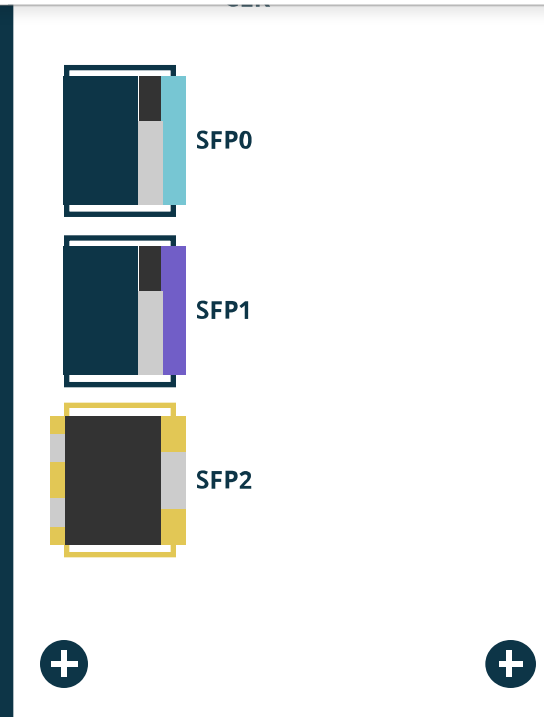
Rack mountable crate   Desktop crate

Kasli	HKD 1,000	
Price estimate	**HKD 1,000**	

Email

Additional notes

Request quote

• 4 channel USB connectivity

• I2C tree to EEMs via USB and FPGA

• 8 EEM connectors on board

• 4 EEM on backplane extension

BNC DIO

HKD 1,000

• 8 channel TTL I/O

• galvanically isolated

• robust to short circuits

• 150 MHz bandwidth

• < 1 ns jitter

• input/output selectable

ARTIQ

BNC-DIO
8x TTL IO

OUT IN   IO 0-3

IO0   IO1

TERM
0   TERM 1

IO2   IO3

TERM
2   TERM 3

OUT IN   IO 4-7

IO4   IO5

TERM
4   TERM 5

IO6   IO7

TERM
6   TERM 7

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.

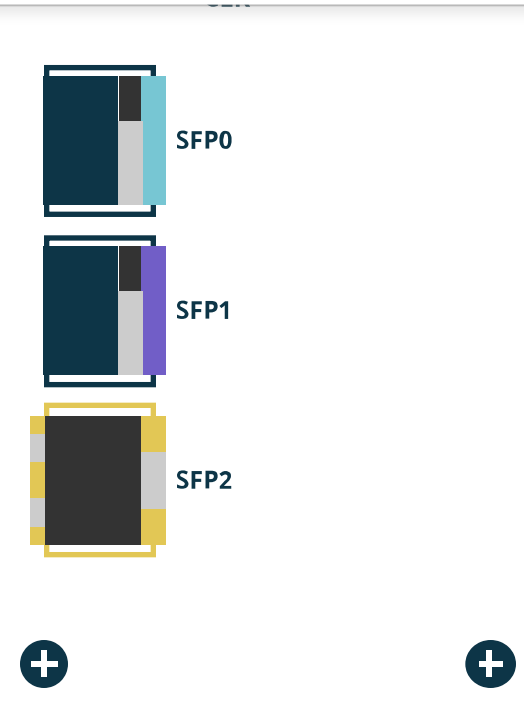**Rack mountable crate**   Desktop crate

⊖ **Kasli**	HKD 1,000

Price estimate	**HKD 1,000**

Email

Additional notes

Request quote

- 4 channel USB connectivity
- I2C tree to EEMs via USB and FPGA
- 8 EEM connectors on board
- 4 EEM on backplane extension

SFP0

SFP1

SFP2

BNC DIO

HKD 1,000

- 8 channel TTL I/O
- galvanically isolated
- robust to short circuits
- 150 MHz bandwidth
- < 1 ns jitter
- input/output selectable

BNC-DIO
8x TTL IO

OUT IN   IO 0-3
IO0   IO1
TERM
0   TERM 1
IO2   IO3
TERM
2   TERM 3

OUT IN   IO 4-7
IO4   IO5
TERM
4   TERM 5
IO6   IO7
TERM
6   TERM 7

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.

Rack mountable crate   Desktop crate

ⓘ It is recommended to use 2 EEM connectors for Novo, but it is possible to use only 1 EEM connector.

ⓘ Add a backplane adapter to extend EEM connectors to 12 at an extra charge

⊖ **Kasli**   HKD 1,000
⊖ **Novo**   HKD 1,000
⊖ **Novo**   HKD 1,000
⊖ **Zotino**   HKD 1,000
⊖ **Zotino**   HKD 1,000
⊖ **Zotino**   HKD 1,000
⊖ **Zotino**   HKD 1,000
⊖ **Urukul**   HKD 1,000

Price estimate   HKD 8,000

jenny.smith@email.com

Additional notes

Request quote

Kasli

HKD 1,000

• Artix 7 100T FPGA
• 4Gb DDR3 SDRAM
• 128 Mb SPI Flash
• 3 SFP 6Gb/s slots
• 1 SATA 6Gb/s connector
• Clock recovery and distribution
• 4 MMCX clock outputs
• 4 channel USB connectivity
• I2C tree to EEMs via USB and FPGA
• 8 EEM connectors on board
• 4 EEM on backplane extension

ARTIQ

Kasli
EEM Controller

POWER
12V
5A

JTAG
UART
I2C

CLK

SFP0

SFP1

SFP2

BNC DIO

HKD 1,000

• 8 channel TTL I/O

ARTIQ

BNC-DIO

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.

Rack mountable crate   Desktop crate

ARTIQ

Kasli
EEM Controller

POWER
12V
5A

JTAG
UART
I2C

CLK

SFP0

✓   We've received your request and will be in contact soon.   ✕

⊖   **Kasli**   HKD 1,000

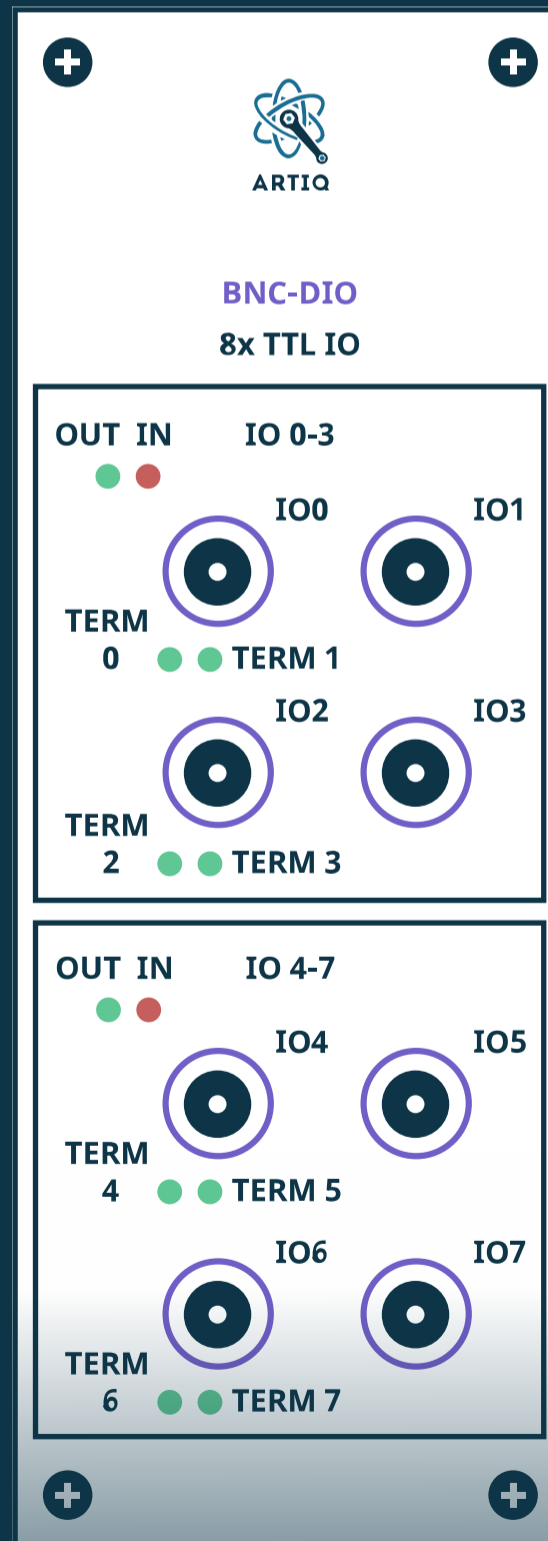**Price estimate**   HKD 1,000

Email

Additional notes

Request quote

- 4 channel USB connectivity
- I2C tree to EEMs via USB and FPGA
- 8 EEM connectors on board
- 4 EEM on backplane extension

SFP0
SFP1
SFP2

BNC DIO

HKD 1,000

- 8 channel TTL I/O
- galvanically isolated
- robust to short circuits
- 150 MHz bandwidth
- < 1 ns jitter
- input/output selectable

ARTIQ

BNC-DIO
8x TTL IO

OUT IN   IO 0-3
IO0   IO1
TERM
0   TERM 1
IO2   IO3
TERM
2   TERM 3

OUT IN   IO 4-7
IO4   IO5
TERM
4   TERM 5
IO6   IO7
TERM
6   TERM 7

Place order

Choose your crate and drag/add the cards you want to the crate below to see
how the the combination would look like.

Rack mountable crate   Desktop crate

ARTIQ
Kasli
EEM Controller

POWER
12V
5A
JTAG
UART
I2C
CLK
SFP0
SFP1
SFP2

ARTIQ
Novo
8x 1MS/s 16Bit ADC
PWR ● ● Mode
IN0   IN1
TERM ● 0 ● 1
IN2   IN3
TERM ● 2 ● 3
IN4   IN5
TERM ● 4 ● 5
IN6   IN7
TERM ● 6 ● 7

ARTIQ
Novo
8x 1MS/s 16Bit ADC
PWR ● ● Mode
IN0   IN1
TERM ● 0 ● 1
IN2   IN3
TERM ● 2 ● 3
IN4   IN5
TERM ● 4 ● 5
IN6   IN7
TERM ● 6 ● 7

ARTIQ
Zotino
32x 16Bit DAC
0 1 2 3
4 5 6 7

ARTIQ
Zotino
32x 16Bit DAC
0 1 2 3
4 5 6 7

ARTIQ
Zotino
32x 16Bit DAC
0 1 2 3
4 5 6 7

ARTIQ
Zotino
32x 16Bit DAC
0 1 2 3
4 5 6 7

ARTIQ
Urukul
4x 1GS/s DDS
RF 0
RF 1
RF 2
RF 3
EXT
CLK
IN

ⓘ It is recomm— ... ...ut it is possible to use only 1 EEM connector.

ⓘ Add a back... ...12 at an extra charge

0/8 EEM connectors available
3/4 Clock connectors available

⚠ **Insufficient EEM connectors**

⊖	**Kasli**	HKD 1,000
⊖	**Novo**	HKD 1,000
⊖	**Novo**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Urukul**	HKD 1,000

Price estimate   **HKD 8,000**

jenny.smith@email.com

Additional notes

Request quote

• 4 channel USB connectivity

• I2C tree to EEMs via USB and FPGA

• 8 EEM connectors on board

• 4 EEM on backplane extension

SFP0

SFP1

SFP2

BNC DIO

HKD 1,000

• 8 channel TTL I/O

• galvanically isolated

• robust to short circuits

• 150 MHz bandwidth

• < 1 ns jitter

• input/output selectable

ARTIQ

BNC-DIO
8x TTL IO

OUT IN   IO 0-3
IO0   IO1
TERM 0   TERM 1
IO2   IO3
TERM 2   TERM 3

OUT IN   IO 4-7
IO4   IO5
TERM 4   TERM 5
IO6   IO7
TERM 6   TERM 7

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.

Rack mountable crate   Desktop crate

ⓘ *It is recommended to use 2 EEM connectors for Novo, but it is possible to use only 1 EEM connector.*

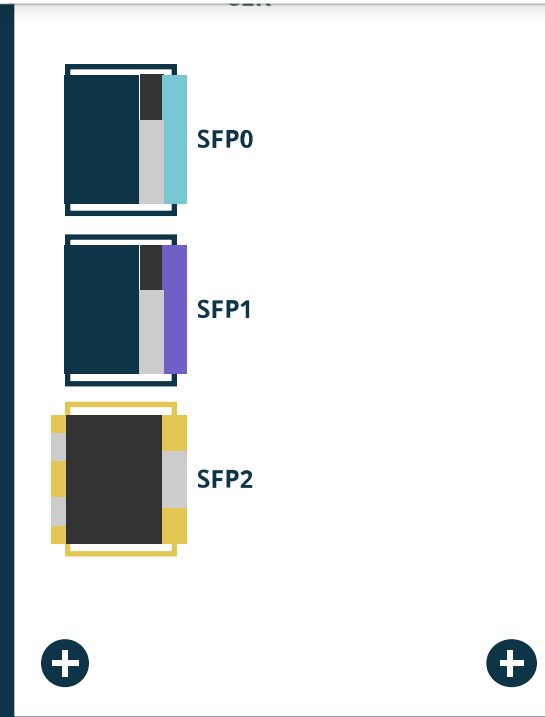|		
⊖ **Kasli**	HKD 1,000	
⊖ **Backplane adapter**	HKD 500	
⊖ **Novo**	HKD 1,000	
⊖ **Novo**	HKD 1,000	
⊖ **Zotino**	HKD 1,000	
⊖ **Zotino**	HKD 1,000	
⊖ **Zotino**	HKD 1,000	
⊖ **Zotino**	HKD 1,000	
⊖ **Urukul**	HKD 1,000	

Price estimate   **HKD 8,500**

jenny.smith@email.com

Additional notes

Request quote
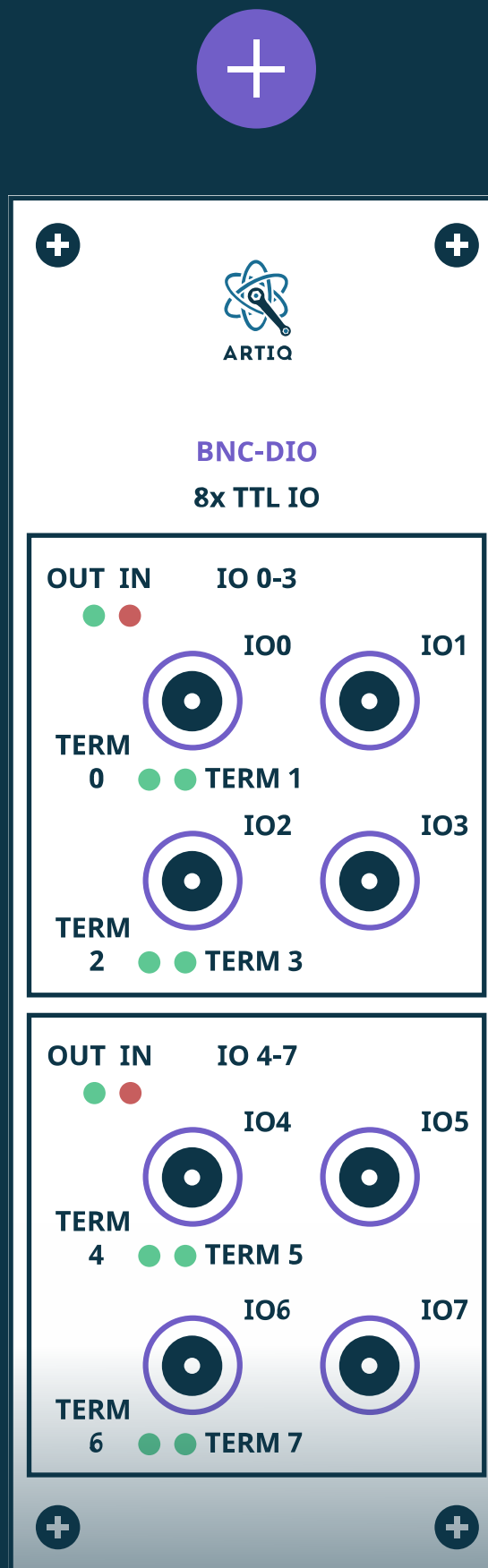
• 4 channel USB connectivity

• I2C tree to EEMs via USB and FPGA

• 8 EEM connectors on board

• 4 EEM on backplane extension

SFP0

SFP1

SFP2

➕   ➕

BNC DIO

➕

HKD 1,000

• 8 channel TTL I/O

• galvanically isolated

• robust to short circuits

• 150 MHz bandwidth

• < 1 ns jitter

• input/output selectable

➕   ➕

ARTIQ

BNC-DIO
8x TTL IO

OUT IN	IO 0-3
● ●	IO0 IO1
TERM 0 TERM 1	
	IO2 IO3
TERM 2 TERM 3	

OUT IN	IO 4-7
● ●	IO4 IO5
TERM 4 TERM 5	
	IO6 IO7
TERM 6 TERM 7	

➕   ➕

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.

Rack mountable crate   Desktop crate

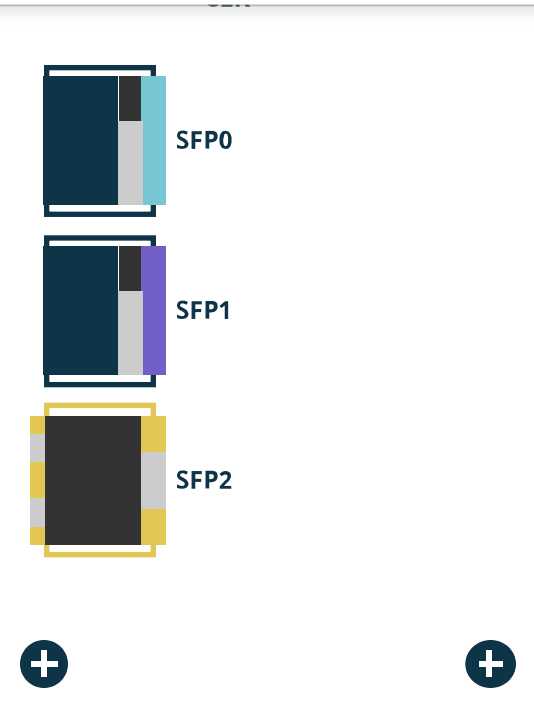ⓘ It is recommended to use 2 EEM connectors for Novo, but it is possible to use only 1 EEM connector.

⚠ **Due to wiring constraints, a Kasli can only connect to EEM cards immediately at its right, without crossing another Kasli. Please reorder your cards.**

⊖	**Kasli**	HKD 1,000
⊖	**Kasli**	HKD 1,000
⊖	**Novo**	HKD 1,000
⊖	**Novo**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Urukul**	HKD 1,000

Price estimate   **HKD 9,000**

jenny.smith@email.com

Additional notes

Request quote

• 4 channel USB connectivity

• I2C tree to EEMs via USB and FPGA

• 8 EEM connectors on board

• 4 EEM on backplane extension

SFP0

SFP1

SFP2

BNC DIO

HKD 1,000

• 8 channel TTL I/O

• galvanically isolated

• robust to short circuits

• 150 MHz bandwidth

• < 1 ns jitter

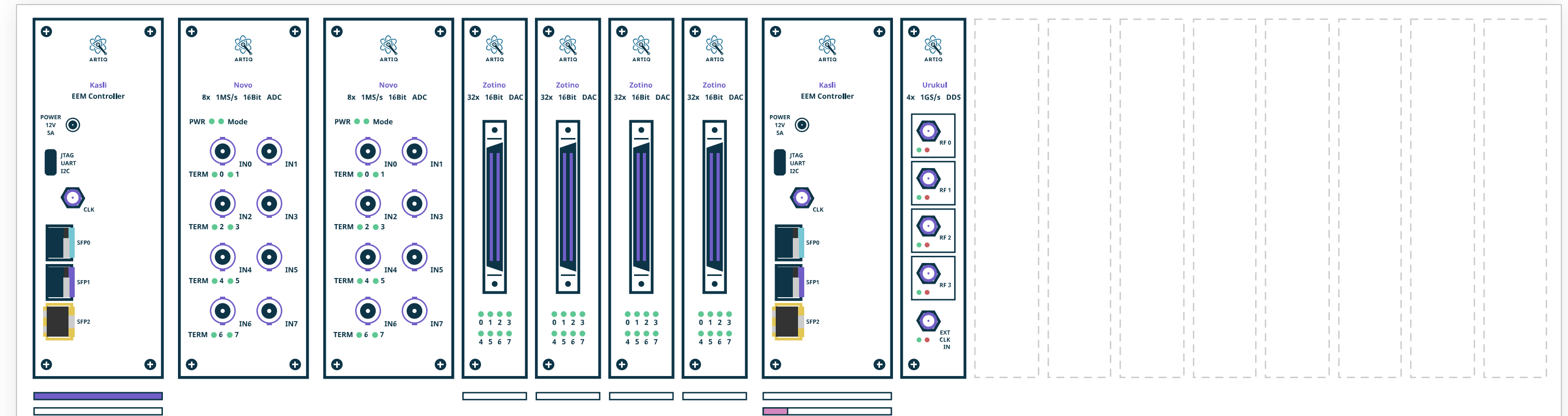• input/output selectable

BNC-DIO
8x TTL IO

OUT IN   IO 0-3

IO0   IO1

TERM
0   TERM 1

IO2   IO3

TERM
2   TERM 3

OUT IN   IO 4-7

IO4   IO5

TERM
4   TERM 5

IO6   IO7

TERM
6   TERM 7

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.

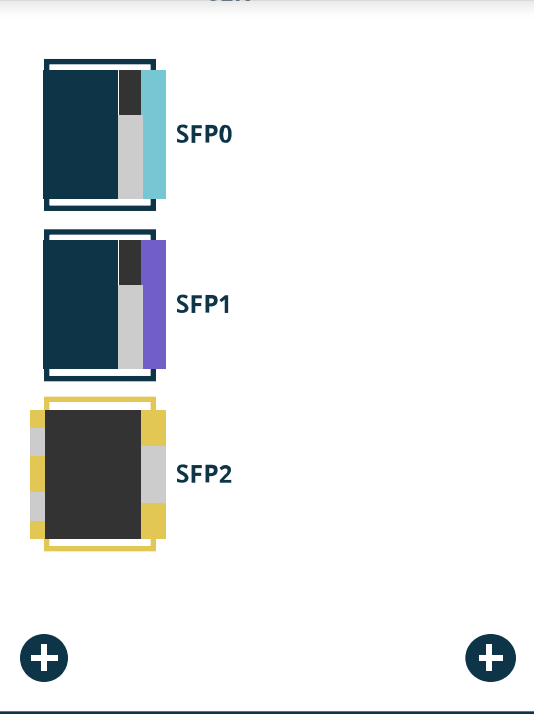Rack mountable crate   Desktop crate

ⓘ It is recommended to use 2 EEM connectors for Novo, but it is possible to use only 1 EEM connector.

	Kasli	HKD 1,000
⊖	**Kasli**	HKD 1,000
⊖	**Novo**	HKD 1,000
⊖	**Novo**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Zotino**	HKD 1,000
⊖	**Kasli**	HKD 1,000
⊖	**Urukul**	HKD 1,000

jenny.smith@email.com

Additional notes

Request quote

Price estimate   HKD 9,000

• 4 channel USB connectivity

• I2C tree to EEMs via USB and FPGA

• 8 EEM connectors on board

• 4 EEM on backplane extension

BNC DIO

HKD 1,000

• 8 channel TTL I/O

• galvanically isolated

• robust to short circuits

• 150 MHz bandwidth

• < 1 ns jitter

• input/output selectable
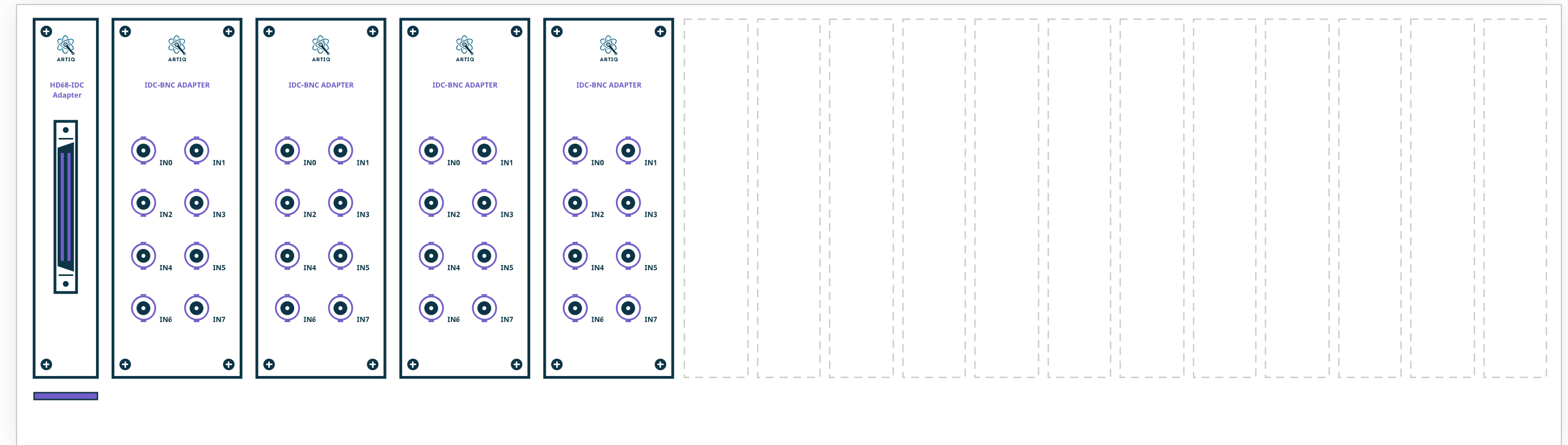

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.

Rack mountable crate   Desktop crate

⊖ **HD68-IDC**	HKD 1,000	
⊖ **IDC-BNC Adapter**	HKD 1,000	
⊖ **IDC-BNC Adapter**	HKD 1,000	
⊖ **IDC-BNC Adapter**	HKD 1,000	
⊖ **IDC-BNC Adapter**	HKD 1,000	

Price estimate   HKD 5,000

jenny.smith@email.com

Additional notes

Request quote

Kasli

HKD 1,000

- Artix 7 100T FPGA
- 4Gb DDR3 SDRAM
- 128 Mb SPI Flash
- 3 SFP 6Gb/s slots
- 1 SATA 6Gb/s connector
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- 4 channel USB connectivity
- I2C tree to EEMs via USB and FPGA
- 8 EEM connectors on board
- 4 EEM on backplane extension

ARTIQ

Kasli
EEM Controller

POWER
12V
5A

JTAG
UART
I2C

CLK

SFP0

SFP1

SFP2

BNC DIO

HKD 1,000

- 8 channel TTL I/O

Place order

Choose your crate and drag/add the cards you want to the crate below to see how the the combination would look like.

Rack mountable crate   **Desktop crate**

ⓘ *It is recommended to use 2 EEM connectors for Novo, but it is possible to use only 1 EEM connector.*

ⓘ *Add a backplane adapter to extend EEM connectors to 12 at an extra charge*

⊖ **Kasli**	HKD 1,000	
⊖ **Novo**	HKD 1,000	
⊖ **Novo**	HKD 1,000	
⊖ **Zotino**	HKD 1,000	
⊖ **Zotino**	HKD 1,000	
⊖ **Zotino**	HKD 1,000	
⊖ **Zotino**	HKD 1,000	

Price estimate   **HKD 7,000**

Email

Additional notes

Request quote