

**BELVYON.**

SYNAPLEX · MULTILINGUAL PRODUCT CATALOGUE

# SYNAPLEX™

Neuromorphic-Photonic Computing

# SYNAPLEX™

SYNAPLEX is Belyon's neuromorphic-photonic computing architecture for ultra-low-latency, power-efficient edge inference in contested, space and industrial environments.

## KEY SPECIFICATIONS

Class	<b>Neuromorphic-photonic compute</b>
Strength	<b>Low-latency edge inference</b>
Efficiency	<b>Power-optimised</b>
Environments	<b>Contested / space / industrial</b>
Route	<b>UK sovereign, ITAR-free</b>

## APPLICATIONS

- Satellite processing
- Battlefield AI
- Space autonomy
- Tactical C-UAV
- Missile guidance
- Nuclear monitoring
- Commercial space
- Industrial IoT
- Autonomous vehicles
- Smart manufacturing
- Medical imaging

## Belvyon Limited

**Entity:** Belvyon Limited — United Kingdom Company No. 16762038

**Registered office:** Telford, United Kingdom

**Email:** info@belvyon.com · **Sales:** sales@belvyon.com

**Web:** belvyon.com · **Network:** belvyon.ai · belvyon.uk · belvyon.global · belvyon.io

**Posture:** Sovereign, ITAR-free materials & IP · UK route, no third-party encumbrance

**Heritage:** 400-day ISS / JAXA-Kibo on-orbit validation · NATO DIANA · national live-fire trials

**Languages:** Available in 21 languages — localized datasheets on request

Full specifications and datasheets available on request.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[Request a quote →](#)

Vollständige Spezifikationen und Datenblätter auf Anfrage.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[Angebot anfordern →](#)

Spécifications complètes et fiches techniques sur demande.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[Demander un devis →](#)

Especificaciones completas y fichas técnicas a petición.

**Belvion Limited** — United Kingdom Company No. 16762038

Telford, United Kingdom

info@belvion.com · sales@belvion.com · belvion.com

[Solicitar presupuesto →](#)

Specifiche complete e schede tecniche su richiesta.

**Belvion Limited** — United Kingdom Company No. 16762038

Telford, United Kingdom

info@belvion.com · sales@belvion.com · belvion.com

[Richiedi un preventivo →](#)

Especificações completas e folhas de dados sob consulta.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[Solicitar orçamento →](#)

Полные спецификации и техлисты по запросу.

**Belvyon Limited** — United Kingdom Company No. 16762038

Telford, United Kingdom

info@belvyon.com · sales@belvyon.com · belvyon.com

[Запросить предложение →](#)

Tam teknik özellikler ve veri sayfaları talep üzerine.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[Teklif isteyin →](#)

詳細な仕様とデータシートはご要望に応じて提供します。

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[見積もりを依頼 →](#)

전체 사양 및 데이터시트는 요청 시 제공됩니다.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[견적 요청 →](#)

完整规格和数据表可应要求提供。

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[索取报价 →](#)

المواصفات الكاملة وأوراق البيانات متاحة عند الطلب.

**Belvyon Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvyon.com · sales@belvyon.com · belvyon.com

اطلب عرض أسعار →

مشخصات کامل و برگه‌های داده بنا به درخواست ارائه می‌شود.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

درخواست قیمت →

مکمل تفصیلات اور ڈیٹا شیٹس درخواست پر دستیاب ہیں۔

**Belvyon Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvyon.com · sales@belvyon.com · belvyon.com

→ قیمت طلب کریں

पूर्ण विनिर्देश और डेटाशीट अनुरोध पर उपलब्ध हैं।

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[कोटेशन का अनुरोध करें →](#)

ข้อมูลจำเพาะและเอกสารข้อมูลแบบเต็มมีให้ตามคำขอ

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[ขอใบเสนอราคา →](#)

Thông số kỹ thuật và bảng dữ liệu đầy đủ có sẵn theo yêu cầu.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[Yêu cầu báo giá →](#)

---

# Bahasa Indonesia

ID · SYNAPLEX™

---

Spesifikasi lengkap dan lembar data tersedia atas permintaan.

**Belvion Limited** — United Kingdom Company No. 16762038

Telford, United Kingdom

info@belvion.com · sales@belvion.com · belvion.com

[Minta penawaran →](#)

---

# Bahasa Melayu MS · SYNAPLEX™

---

Spesifikasi penuh dan helaian data tersedia atas permintaan.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[Minta sebut harga →](#)

Повні специфікації та технічні листи за запитом.

**Belvion Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvion.com · sales@belvion.com · belvion.com

[Запросити пропозицію →](#)

מפרטים מלאים וגיליונות נתונים זמינים לפי בקשה.

**Belvyon Limited** — United Kingdom Company No. 16762038  
Telford, United Kingdom  
info@belvyon.com · sales@belvyon.com · belvyon.com

→ בקשת הצעת מחיר