

驗收規劃

服務項目	驗收項目
終端模組選型	依指定5G頻段、OS、硬體規格等需求協助選定機型
規格確認	提供同步設備之硬體及通訊規格
產品配置	依指定型號、容量、版本進行產品配置
出貨前確認	確認機型、數量、規格、配件及產品狀態
原廠資訊提供	提供原廠規格、使用手冊、產品資料
設備交付	依需求完成設備交付
保固服務	提供原廠保固及售後維修窗口
設備更換	於保固或產品瑕疵情況下依原廠規範處理

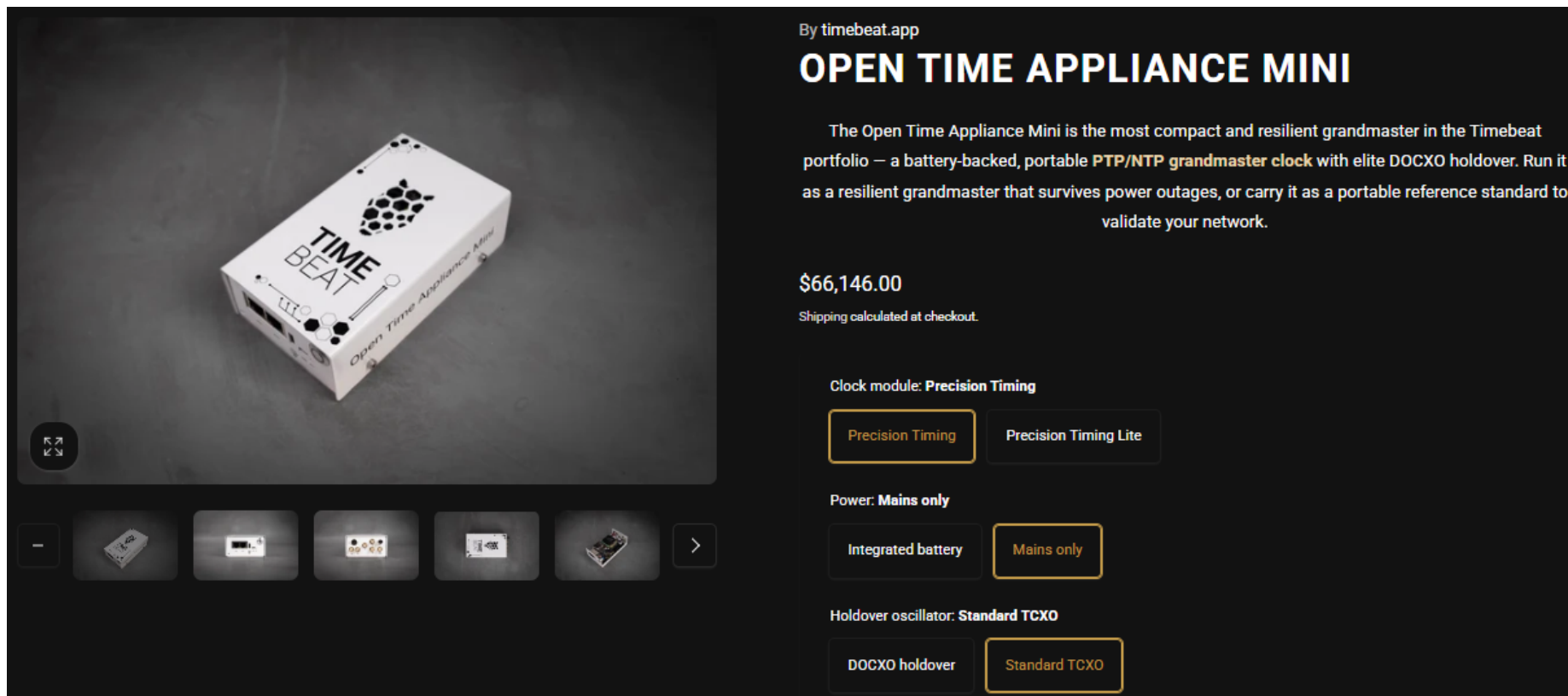
廠商報價 力得科技

<ardent.lee@msa.hinet.net>

項次	型號	Description / Package	廠家	數量	單價未稅	單價含稅	總額(未稅)
1	Open Time Appliance Mini	Clock module: Precision Timing Power: Mains only Holdover oscillator: Standard TCXO	Timebeat	1	83350.00	87517.50	83350.0
2	Open Timecard Mini 3.0	Bracket: Full height Timing module: Precision Timing Compute module: Raspberry Pi CM5	Timebeat	1	64093.00	67297.65	64093.0
3	Open Timecard Mini 3.0	Bracket: Full height Timing module: Precision Timing Lite Compute module: Raspberry Pi CM5	Timebeat	1	37346.00	39213.30	37346.0
4	7105-FC-AT25GBGNS-SMA	三衛星系統外接主動式 GNSS 天線 (SMA) / 3米天線	鋒剛國際	1	1060.00	1113.00	1060.0
5	3002-FC-AT27GL-SMA	L1+L5 多衛星 GNSS 主動天線 / 3米天線	鋒剛國際	1	2020.00	2121.00	2020.0
7	NVIDIA DGX Spark		Leadtek 麗臺	3	245226.00	257487.30	735678.0
						總額未稅	923547
						總額含稅	969724

1. TIMEBEAT Open Time Appliance Mini x1 (Precision Timing Module/No Battery/No DOCXO/Raspberry Pi CM5-With WiFi)

◆ <https://store.timebeat.app/products/open-time-appliance-mini>



By timebeat.app

OPEN TIME APPLIANCE MINI

The Open Time Appliance Mini is the most compact and resilient grandmaster in the Timebeat portfolio — a battery-backed, portable **PTP/NTP grandmaster clock** with elite DOCXO holdover. Run it as a resilient grandmaster that survives power outages, or carry it as a portable reference standard to validate your network.

\$66,146.00
Shipping calculated at checkout.

Clock module: Precision Timing

Precision Timing Precision Timing Lite

Power: Mains only

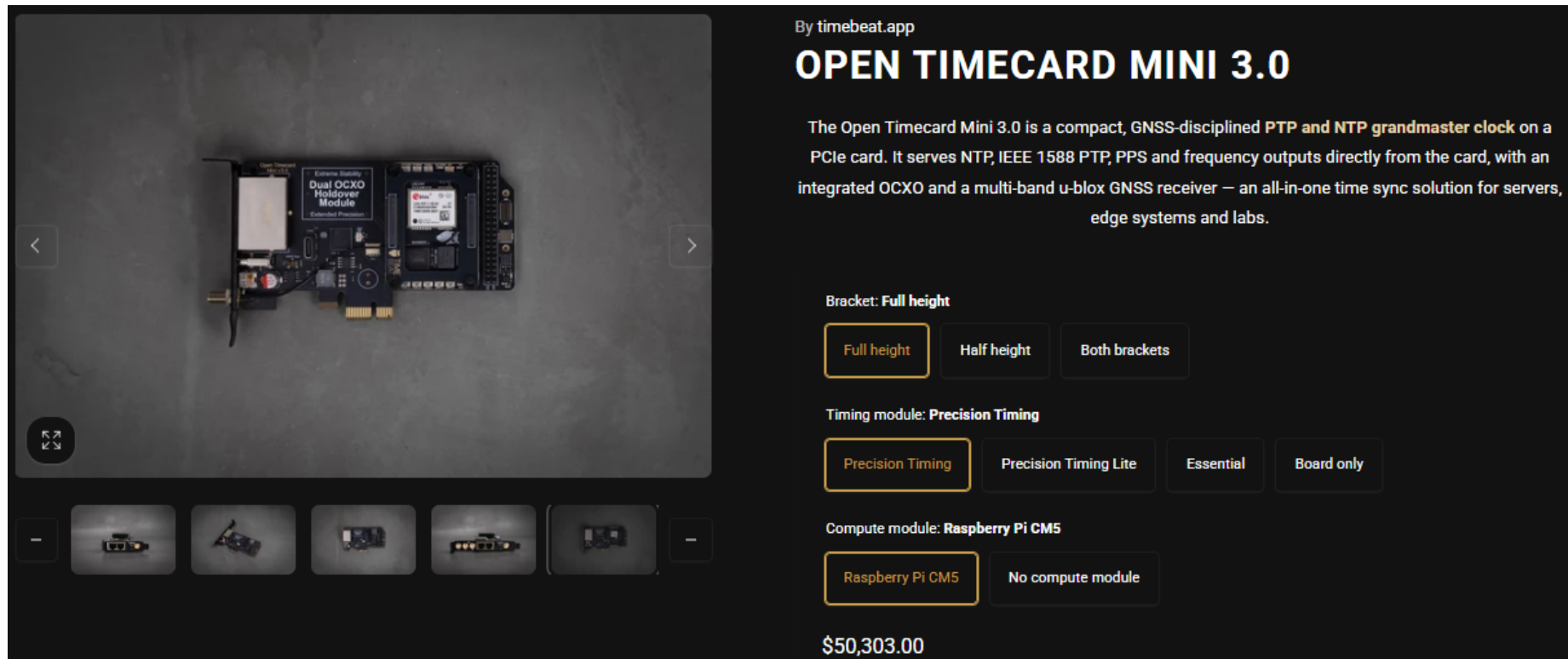
Integrated battery Mains only

Holdover oscillator: Standard TCXO

DOCXO holdover Standard TCXO

2. TIMEBEAT Open Timecard Mini 3.0 x 1 (Long/Precision Timing/With Compute Module/No DOCXO)

◆ <https://store.timebeat.app/products/open-timecard-mini-3-0>



By timebeat.app

OPEN TIMECARD MINI 3.0

The Open Timecard Mini 3.0 is a compact, GNSS-disciplined **PTP and NTP grandmaster clock** on a PCIe card. It serves NTP, IEEE 1588 PTP, PPS and frequency outputs directly from the card, with an integrated OCXO and a multi-band u-blox GNSS receiver — an all-in-one time sync solution for servers, edge systems and labs.

Bracket: **Full height**

Full height Half height Both brackets

Timing module: **Precision Timing**

Precision Timing Precision Timing Lite Essential Board only

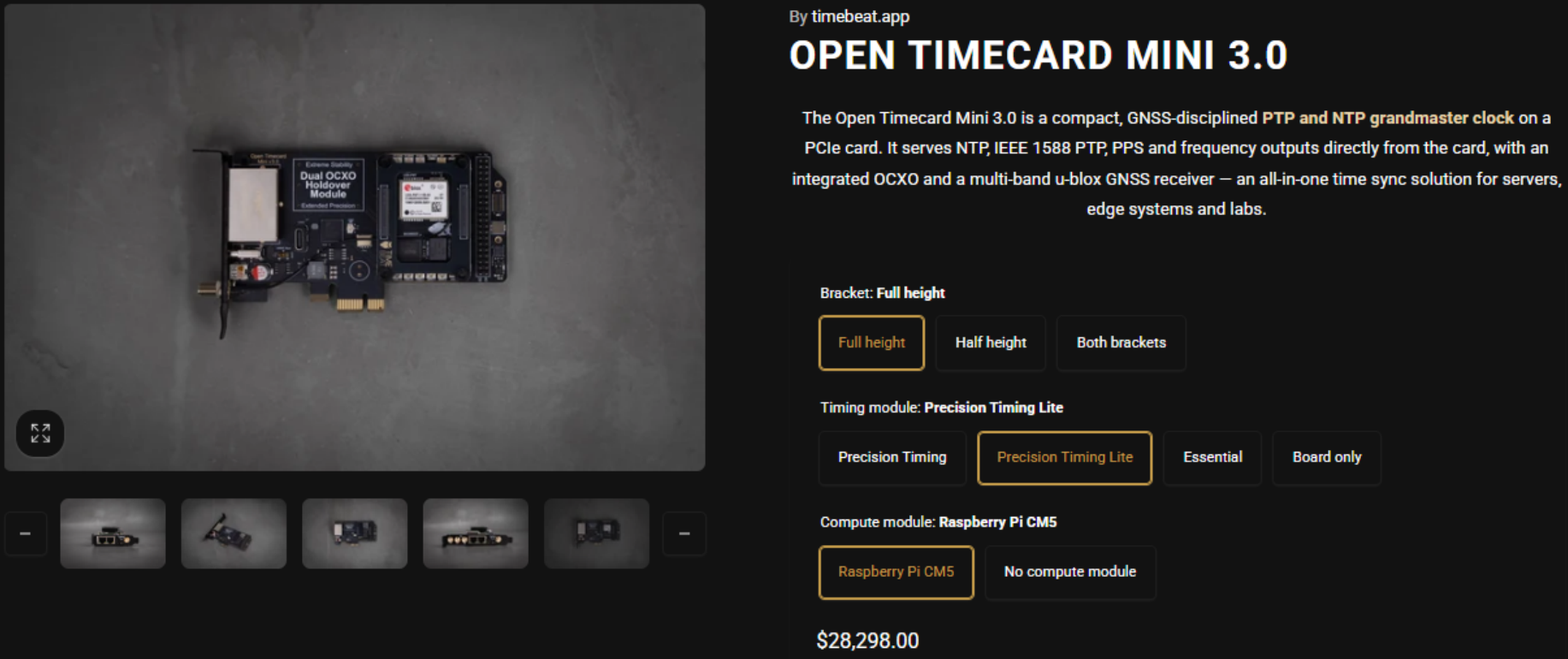
Compute module: **Raspberry Pi CM5**

Raspberry Pi CM5 No compute module

\$50,303.00

3. TIMEBEAT Open Timecard Mini 3.0 x 1 (Long/Precision Timing Lite/With Compute Module)

◆ <https://store.timebeat.app/products/open-timecard-mini-3-0>



By timebeat.app

OPEN TIMECARD MINI 3.0

The Open Timecard Mini 3.0 is a compact, GNSS-disciplined **PTP and NTP grandmaster clock** on a PCIe card. It serves NTP, IEEE 1588 PTP, PPS and frequency outputs directly from the card, with an integrated OCXO and a multi-band u-blox GNSS receiver — an all-in-one time sync solution for servers, edge systems and labs.

Bracket: Full height

Full height Half height Both brackets

Timing module: Precision Timing Lite

Precision Timing Precision Timing Lite Essential Board only

Compute module: Raspberry Pi CM5

Raspberry Pi CM5 No compute module

\$28,298.00

4~5 GNSS 天線 (SMA)

◆ 至少支援GPS和BeiDou

◆ 參考: 三衛星系統外接主動式 GNSS 天線 (SMA)

<https://www.foncon.com.tw/gps-antenna/7105.html>

- GPS, GLONASS, BeiDou (BDS)

◆ 參考: L1+L5 多衛星 GNSS 主動天線

<https://www.foncon.com.tw/gps-l1+l5-antenna/3002.html>

- L1 (1575.42MHz - GPS/Galileo/QZSS, 1602MHz - GLONASS, 1561.098MHz - BDS B1)
- L5 (1176.45MHz - GPS/Galileo E5a/QZSS/BDS B2a)



7. NVIDIA DGX Spark

- ◆ <https://www.nvidia.com/zh-tw/products/workstations/dgx-spark/>

