

## PCI-1718HDU-AE

### IIoT Product End-of-Life Notice

#### End of Life, Last Time Buy and Replacement Announcement

Dear Valued Customers:

For immediately release, Advantech is announcing the End of Life (EOL) of **PCI-1718HDU-AE**. The relative replacing models are as below list. Customers who had purchased this Part Number either to purchase any additional rules or migrate to the new replacement models if possible before the EOL's shipment date.

#### Product Part Numbers Affected by This Announcement

End of Life Product	Suggest Replacement Product	Sample Available Date
PCI-1718HDU-AE	PCI-1710U-DE/PCIE-1810-B	NA

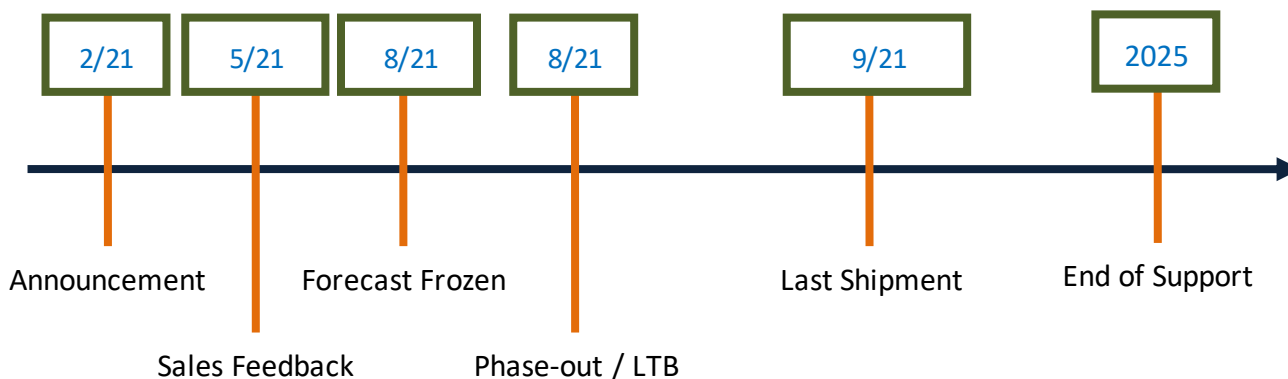
#### Reason for the Change

Key component CPLD phase out: 14S8314410 (IC XC95144XL-10TQG100C SMD TQFP 100P)

Low sales record, strategic phase out obsolete products.

Replacement Product	PCI-1710U-DE/PCIE-1810-B
Hardware spec	Mostly Compatible. For difference in AIO、DIO and Counter/Timer Spec, please refer to the Reference section.
Driver support	Need to upgrade driver
API Support	The same as PCI-1718HDU-AE version
Pin Assignment/Connector	PCI-1718HDU-AE : DB37 Cable PCI-1710U-DE/PCIE-1810-B : 68-pin SCSI Shielded Cable

#### Key Milestones / Scheduled Dates



Important Date	Description	Date
Announcement	Announcement of this document	2024/2/21
Sales Feedback	Sales feedback if customer has any problem to follow the schedule. It will be treated as special case	2024/5/21
Forecast Frozen	The forecast will be frozen for material preparation	2024/8/21
Phase-out	The product is officially phased out.	2024/8/21
LTB	Last time buy for customer order. After this date, no more order will be accepted.	2024/8/21
Last Shipment	Acceptable shipment date before LTB. The order with requesting DD after this date will not be accepted.	2024/9/21

## Reference – Hardware Comparison Table

		PCI-1718H DU	PCI-1710	PCIE-1810
Interface		PCI	PCI	PCIE
AI Spec	Sample Rate	100 kS/s	100 kS/s	Single channel 800 kS/s max. Multiple channels 500 kS/s max
	FIFO Size	1,024 samples	4,096 samples	4,096 samples
	Input Impedance	100 MΩ	1 GΩ	1 GΩ
AO Spec	Channels	1	2	2
	Slew Rate	10 V/μs	10 V/μs	20 V/μs
	Driving Capability	10 mA	3 mA	20 mA
Digital I/O Spec	Channels	16	16	24
	Output Voltage	Logic 0: 0.8 V max. Logic 1: 2.0 V min.	Logic 0: 0.4 V max. Logic 1: 2.4 V min.	Logic 0: 0.4 V max. Logic 1: 4.0 V min.
Counter Spec	Channels	1	1	2
	Resolution	16 bits	16 bits	32 bits
	Max. Input Frequency	10 MHz	1 MHz	10 MHz