

## PRODUCT CHANGE NOTICE

Dear Lantronix Customer,

The purpose of this communication is to inform you of an upcoming change to the following product. This change is part of our effort and commitment to continuous improvement of our products and processes.

### **Change Type**

Software

### **Products Affected**

Orderable Part Numbers (xPico 240)

Part Number	Description	Old Revision	New Revision	Module MPN
XPC240100B-02	XPICO 240 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, DUAL U.FL, IND TEMP, LGA T&R 250	J12	K12	950-00141
XPC240100S-02	XPICO 240 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, DUAL U.FL, IND TEMP, LGA T&R 25	J12	K12	950-00141
XPC240200B-02	XPICO 240 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, ON-MODULE ANT, IND TEMP, LGA T&R 250	J12	K12	950-00142
XPC240200S-02	XPICO 240 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, ON-MODULE ANT, IND TEMP, LGA T&R 25	J12	K12	950-00142
XPC240300B-02	XPICO 240 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, DUAL U.FL, IND TEMP, EDGE CONN, TRAY	J12	K12	950-00143
XPC240300EK	XPICO 240 EVALUATION KIT, EMBEDDED IOT GW, DUAL-BAND WI-FI, ETH	R15	T15	950-00143
XPC240300S-02	XPICO 240 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, DUAL U.FL, IND TEMP, EDGE CONN, SINGLE	J12	K12	950-00143
XPC240400B-02	XPICO 240 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, ON-MODULE ANT, IND TEMP, EDGE CONN, TRAY	J12	K12	950-00144
XPC240400S-02	XPICO 240 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, ON-MODULE ANT, IND TEMP, EDGE CONN, SINGLE	J12	K12	950-00144

Orderable Part Numbers (xPico 250)

Part Number	Description	Old Revision	New Revision	Module MPN
XPC250100B-02	XPICO 250 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, BT 4.2, DUAL U.FL, IND TEMP, LGA T&R 250	J12	K12	950-00145
XPC250100S-02	XPICO 250 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, BT 4.2, DUAL U.FL, IND TEMP, LGA T&R 25	J12	K12	950-00145

XPC250300B-02	XPICO 250 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, BT 4.2, DUAL U.FL, IND TEMP, EDGE CONN, TRAY	J12	K12	950-00146
XPC250300EK	XPICO 250, EVALUATION KIT, EMBEDDED IOT GW, DUAL-BAND WI-FI, ETH, BT 4.2	P15	R15	950-00146
XPC250300S-02	XPICO 250 EMBEDDED IOT GW, 802.11 A/B/G/N, ETH, BT 4.2, DUAL U.FL, IND TEMP, EDGE CONN, SINGLE	J12	K12	950-00146

#### Orderable Part Numbers (xPico 270)

Part Number	Description	Old Revision	New Revision	Module MPN
XPC270100B	XPICO 270 EMBEDDED IOT GW, 802.11 A/B/G/N/AC WI-FI, ETH, BT, DUAL U.FL, IND TEMP, LGA, T&R 250	F12	G12	950-00165
XPC270100S	XPICO 270 EMBEDDED IOT GW, 802.11 A/B/G/N/AC WI-FI, ETH, BT, DUAL U.FL, IND TEMP, LGA, T&R 25	F12	G12	950-00165
XPC270300B	XPICO 270 EMBEDDED IOT GW, 802.11 A/B/G/N/AC WI-FI, ETH, BT, DUAL U.FL, IND TEMP, EDGE, TRAY	F12	G12	950-00164
XPC270300EK	XPICO 270 EVALUATION KIT, EMBEDDED IOT GW, 802.11 A/B/G/N/AC WI-FI, ETH, BT, DUAL U.FL	F13	G13	950-00164
XPC270300S	XPICO 270 EMBEDDED IOT GW, 802.11 A/B/G/N/AC WI-FI, ETH, BT, DUAL U.FL, IND TEMP, EDGE, SINGLE	F12	G12	950-00164

#### Module Manufacturing Part Numbers (indicated on unit label)

Unit Name (MPN)	Old Revision	New Revision
950-00141	J12	K12
950-00142	J12	K12
950-00143	J12	K12
950-00144	J12	K12
950-00145	J12	K12
950-00146	J12	K12
950-00164	F12	G12
950-00165	F12	G12

#### Description and Extent of Change

Lantronix is pleased to announce the availability of new firmware release **v5.2.0.0R8** for xPico 240, xPico 250 and xPico 270 line of embedded Wi-Fi gateways.

New features:

- 1) Mux now exits "x" command after detecting line break
- 2) Adds Access Point Mode "Controlled"
- 3) Adds CLI xml status command to read a single value
- 4) TLS adds secure DHE ciphers
- 5) Mux adds wait DSR events
- 6) Adds configurable DHCP Lease durations
- 7) Adds status for DHCP client

- 8) Adds "Lease duration" interface status
- 9) Splits Web Manager TLS Credential page into separate status and config
- 10) Adds TLS Credential configurable cipher selection
- 11) Adds configurable option for Tech A to manage password
- 12) Adds SNMP v1/v2 - SDK Sample App
- 13) Adds Tunnel Disconnect "Exclusive" option
- 14) Mux x command without escape sequence if line is UART with break
- 15) WPA3 Enterprise transition mode
- 16) Bridge wlan0 adds network mode for multiple devices

Bug fixes:

- 1) UART tx purge no longer sends break
- 2) Trusted XML import via Telnet of CLI Server group fails even if new settings would allow connection
- 3) Trusted XML import via Line:1 of Line:1 group fails even if settings unchanged
- 4) Legacy bridge loses IP address after some hours of time
- 5) CLI config TLS Ciphers ambiguous command
- 6) SPP tlog error event flagged
- 7) Adds LEAP TLS protocol selection
- 8) Trusted XML can clobber line settings, interrupting import
- 9) Reset eth0 PHY upon shutdown
- 10) Workaround ExpressLogic DNS client problems
- 11) Help text for Radio Mode "Initial Delay"
- 12) HTTP Server thread "yellow"
- 13) Tunnel Connect Host errors were displayed as warnings
- 14) Tunnel exclusive mode start char only while no connection is up
- 15) ConsoleFlow handles JSON escaped characters
- 16) ConsoleFlow now has random registration retry delay

Refer to the release notes for a complete list of features and bug fixes.

### **Effect of Change on Fit, Form, Function, Quality, or Reliability**

Functional changes as noted on release notes.

For customers that would like to take advantage of the new capabilities immediately, the new firmware, associated release notes and upgrade instructions are available for download from our website, <http://www.lantronix.com/support/downloads>.

### **Effective Date of Change**

This change will go into effect for the listed products built from **August 8, 2022** onwards.

If you have any questions, please contact your sales representative or Lantronix Technical Support at (800) 422-7044 or (949) 453-7198.