

SELECTING AN FTTx ETHERNET PRODUCT FOR YOUR NEXT PROJECT

Use the selection table on page 2 to quickly narrow your search for an FTTx product. Below are a few helpful questions to help narrow your selection.

- **Does the application require a Managed Device with robust features?**
 - On-board logic – eliminates the need for separate management module.
 - Support for applications requiring network monitoring, VLANs, bandwidth limiting.
- **Does the application require Host/Remote Configuration?**
 - Reduces the number of IP addresses needed.
 - Reduces truck rolls.
- **What Data Speeds are required?**
 - 10/100Mbps?
 - 10/100/1000Mbps?
- **What type of fiber is needed?**
 - First, choose between Multi-mode or Single-mode fiber types.
 - Then, choose your fiber connectors, SC, LC or SFP form factor.
 - SFPs offer flexibility; Advantech B+B SmartWorx SFP ports are not proprietary.
- **How many Ethernet Ports does the application require?**
 - Does it make sense to select an FTTx device in a modular form factor for future expansion?
 - Does it make sense to select an FTTx device that supports Gigabit speeds for future bandwidth requirements?
- **Review your Mounting, Temperature or Power requirements.**
 - Does the application require a compact form factor or a modular format? Mounting options depend on which one.
 - What are the temperature requirements for the application?
 - How will the unit be powered – AC, DC or 48VDC (Telco)?
- **Once you have an FTTx device selected, you should ask just a few more questions.**
 - Do you have all the accessories needed to make all the connections?
 - Patch Cords, Power Supplies, chassis, Optional Mounting Hardware and Fiber connectors make the top of the list.
 - When do you need product samples for proof of concept and full production?



ABOUT SNMP MANAGEMENT & FTTx "Fiber To The X" Solutions

FTTx (Fiber to the cabinet, customer premise or desktop) indicates that intelligent devices are deployed at the end point of the fiber.

FTTx devices provide enhanced management information via SNMP, but also allow for traffic grooming/identification via VLANs, bandwidth/rate limiting and system alarms when remote fault conditions occur.








Fiber offers security, reliability and bandwidth. Available in a fixed form factor for SM, MM or SSF, an SFP version is also available.

PRODUCT ASSISTANCE

If you need product selection assistance, contact Advantech B+B SmartWorx technical support online.

FTTx MANAGED DEVICES

| PRODUCT SELECTION GUIDE | (continued)

| Single-Port Options | | | | Multi-Port Options | | | |
|--------------------------|--|--|---|--|--|--|---|
| Family Series: |  IE-MiniFiberLinX-II |  iMcV-FiberLinX-II |  iMcV-Giga-FiberLinX-III |  AccessEtherLinX/4 |  Giga-AccessEtherLinX-II |  IE-MultiWay |  IE-iMcV-MultiWay |
| FUNCTION | | | | | | | |
| 10/100 Base | ✓ | ✓ | - | ✓ | - | - | - |
| 10/100/1000 Base | - | - | ✓ | - | ✓ | ✓ | ✓ |
| PORTS | | | | | | | |
| Total Ports | 2 | 3 | 3 | 5 | 5 | 4 | 4 |
| Fiber Option | 1x9 | 1x9, SFP | SFP | 1x9 | 1x9, SFP | SFP | SFP |
| Copper Ports | 1 | 1 | 2 | 4 | 4 | 2 | 2 |
| SPECIFICATIONS | | | | | | | |
| MTU (bytes) | 1916 | 1916 | 10240 | 1916 | 9600 | 10240 | 10240 |
| Temperature | 0 to +50°C, AC adapter -45 to +85°C, DC TELCO -35 to +70°C, DC power | 0 to +50°C | 0 to +50°C | 0 to +50°C | 0 to +50°C | -10 to +50°C, AC adapter -40 to +85°C, DC power | Chassis Required, MediaChassis or other chassis series |
| Last Gasp | ✓ | ✓ | - | - | - | ✓ | ✓ |
| Power | DC TB, AC adapter | Chassis required, AC and DC | Chassis required, AC and DC | Stand-alone, AC only | Stand-alone, AC and DC only | AC power brick, DC TB | Chassis required, AC and DC |
| DIN/Panel Mount | ✓ | - | - | - | - | ✓ | - |
| MANAGEMENT | | | | | | | |
| VLANs | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SNMP V1/2c | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bandwidth Configuration | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Host/Remote Capabilities | Remote or Standalone. Can be paired with a Host iMcV-FiberLinX-II | Host, Remote, or Standalone. As a Host, can be paired with another iMcV-FiberLinX-II, IE-MiniFiberLinX-II, or an AccessEtherLinX/4 | Host, Remote or Standalone. Can be paired with another iMcV-Giga- FiberLinX or Giga Access-EtherLinX when in Host/Remote mode. | Remote or Standalone. Can be paired with an iMcV-FiberLinX-II. | Remote or Standalone. Can be paired with an iMcV- Giga-FiberLinX-III. | Remote or Standalone. Can be paired with an iMcV-Giga-FiberLinX-III. | Remote or Standalone. Can be paired with an iMcV-Giga-FiberLinX-III. |

NOTES:
 * Last Gasp TRAP feature is model specific.
 Please refer to the website for latest versions of firmware and software iView2.