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TECHNOLOGIES

iX PC PLUS SFP Model – Fanless Thin Client with ThinX OS and Managed by Xcalibur Global

Compact, High-Performance Thin Client with SFP Connectivity

The **iX PC PLUS SFP Model** by Chip PC Technologies is a **fanless thin client** designed for secure, silent, and efficient performance. Powered by **ThinX OS** (Linux-based) and equipped with **SFP** (fiber network) connectivity, this device delivers high-speed, reliable networking. Managed by **Xcalibur Global**, it provides seamless IT control, making it ideal for modern workspaces and virtual desktop environments.

Key Features

- **Operating System**: ThinX OS – lightweight, secure, and optimized for thin client applications.
- **Management**: **Xcalibur Global** offers centralized monitoring, updates, and device management.
- **Design**: Fanless, compact, and durable, ideal for noise-sensitive environments.
- **Performance**: 8GB LPDDR5 RAM and 128GB eMMC, expandable via an M.2 slot.
- **Connectivity**:
  - **SFP Port**: Ultra-fast, secure fiber networking for high-performance data transfer.
  - Comprehensive ports: 2x USB 3.2, 2x USB-C, 4x USB 2.0, HDMI 2.0, 2x DisplayPort 1.4, and an audio/mic jack.
- **Security**: Integrated TPM 2.0 for encrypted data storage and secure device authentication.
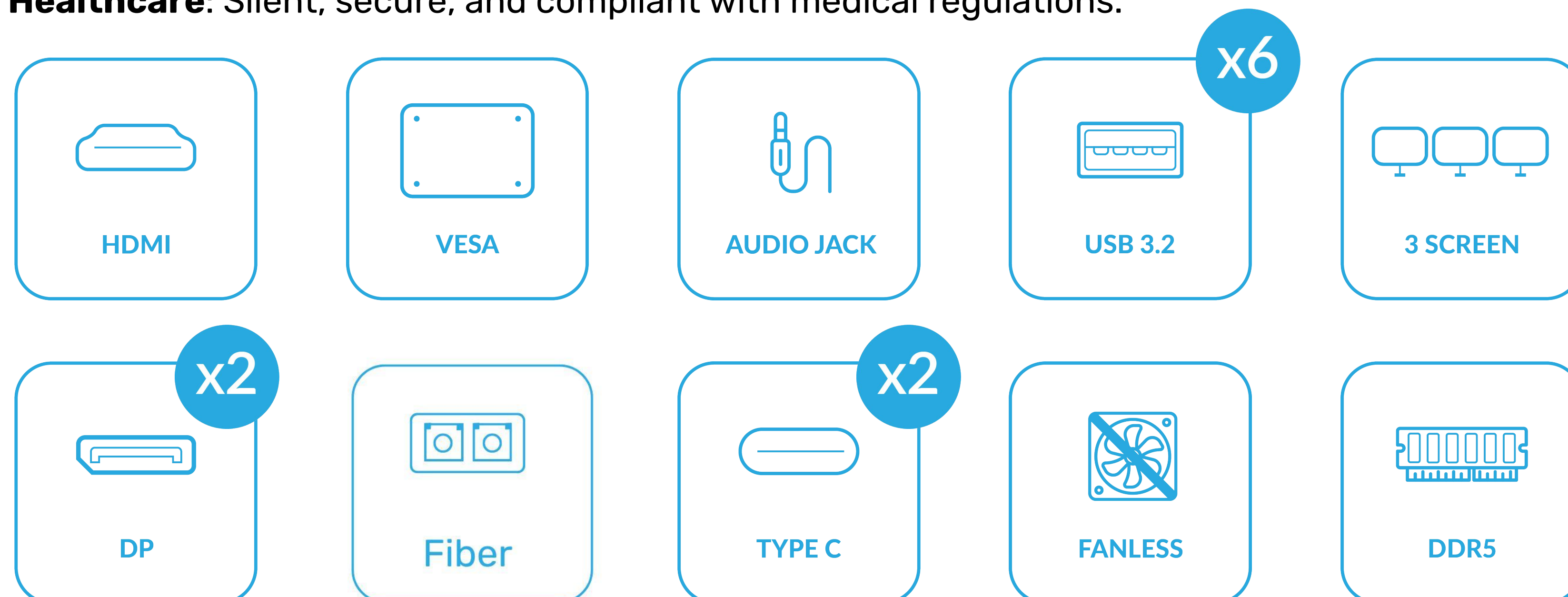
Why Choose the iX PC PLUS SFP Model?

- **Silent Operation**: The fanless design ensures quiet and reliable performance in sensitive environments.
- **High-Speed Connectivity**: **SFP fiber** provides reliable and secure networking for demanding applications.
- **Eco-Friendly**: Low power consumption reduces operational costs and supports sustainability.
- **Virtual Desktop Ready**: Fully compatible with RDS, Citrix, and VMware for optimized virtual desktop environments.

Applications

- **Corporate Offices**: Ideal for high-performance and secure enterprise environments with fiber connectivity.
- **Data Centers**: Perfect for environments requiring fast, reliable fiber networking.
- **Healthcare**: Silent, secure, and compliant with medical regulations.

HDMI	VESA	AUDIO JACK	USB 3.2 (x6)	3 SCREEN
DP (x2)	Fiber	TYPE C (x2)	FANLESS	DDR5

ThinX OS

intel CELERON

DataSheet :iX PC Plus - Thin Client - CPN07543

Processor	Intel® Processor N100 6M Cache, up to 3.40 GHz
Operating System	ThinX OS Linux-based OS
Storage	128 GB Emmc 1 x M.2 2280 SATA SSD
Memory	LPDDR5 8GB (onboard memory)

Input / Output ports	Front Panel	1 x Power button, power LED 2 x USB 3.2 port 2 x Type C 3.2 port 1 x 3.5mm combo audio/mic
	Rear Panel	4 x USB 3.2 1 x HDMI 2.0 2 x Displayport 1.4 1 x SFP 1 x DC_IN（12V）

Resolution	HDMI - Up to 4096x2160@60Hz DP: Up to 4096x2160@60Hz
Audio	3.5 mm (1/8 inch) combo audio jack for stereo audio output and microphone input Supports 16-bit stereo sound
Network	SFP: 1Gbps (Compatible with fiber optic and copper modules, supporting IEEE 802.3z and 802.3u standards)
Environment	Temperature range: Operating - 0°C to 40°C (32°F to 104°F) Storage - 0°C to 60°C (32°F to 140°F) Humidity: Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing Altitude: 0 to 20,000 ft
Dimensions	147*106*35mm
Weight	300 gr
Power	Device input: 100～240VAC@50/60HZ Device Output: 12VDC/5A external power adapter
Security	Built-in Kensington security slot (cable sold separately)
Warranty	Three-year hardware warranty Optional extended Warranty for years 4 & 5.

FRONT SIDE VIEW

1	Power button, power LED
2	USB 3.0 ports * 2
3	2 x Type C 2.0 port
4	Audio Out /Mic In
5	Kensington Lock

REAR SIDE VIEW

1	DC
2	USB 2.0 ports * 4
3	HDMI
4	Displayport * 2
5	SFP

Model	UPC	Operating System	Network	Part#	Model / Description
LIXPF1288	818391009560	ThinX OS Linux-based OS	SFP	CPN07543	IXPC + Fiber (no display/kbd/mouse) IXPF1288, ThinX OS Linux ,CPU Celeron N100, 128GB EMMC SSD/8GB RAM LPDDR5, 2 X USB 3.2 ,2x Type C, 4 x USB 2.0, 1 x HDMI, 2 x DP ++ ,SFP ,Inter Power Supply