Embedded Computing Client (ECC)- Linux

Breeze ECC-LXR is a highly efficient and powerful thin client for UTS, PRS, Modernized PRS and SMC applications of CRIS & Indian Railways. Highly customizable in terms of software & hardware, high reliability with no moving parts and low power consumption.

Breeze ECC LXR

MAIN FEATURES

- Embedded Linux 64Bit kernel ver 4.18.x or above with X-window Interface, OS size less than 2.0GB
- JRE 1.6 /1.8 support
- Menu based Local Terminal Configuration Utility
- Firefox Mozilla browser
- 10 /100/1000 MBPS LAN Interface
- TCP / IP with DNS, DHCP
- Telnet,FTP, RSH,Rexec, SSH,Cron,Rlogin support
- Compatibility for CRIS UTS ,PRS , Modernized PRS & SMC Application
- Indian languages Printing Support
- Remote Manageability
- SNMP support along with MIB-II
- Provision to enable/disable USB storage devices
- Automatic Application Startup feature
- Compatibility with Sybase Anywhere (ASA version 16 or above)

- Support for printing to both Dot Matrix, Thermal Printer and Laser Printer,CUPS Printing support & lpr printing facility
- PDF Viewer with printing support
- PRS Emulation support with all desired features
- Simultaneously runs UTS & browser application switching through hot keys
- Simultaneously runs UTS & SMC application switching through hot keys
- Multi session/Multi host support
- Compatibility with Sybase Anywhere (ASA version 16 or above)
- Compatible with CRIS application in C, C++, Java and Web based. Indian Language printing support
- Password protected local terminal configuration
- All the drivers for peripherals like display, printer and networking components.

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MAIN SPECIFICATION

SYSTEM	
Chassis	Black chassis having front power button & Process Indicator (LED)
Processor	Intel CPU 2.0 GHz Quad Core Fan less
Operating System	Embedded Linux (as per requirement)
Emulation Support	X Windows, VT100, VT200, VT220 & VT320

DISPLAY	
Port	HDMI 1x & VGA x 1
Monitor	Resolution 800 x 600 , 1366 x 768 & 1024 x 768

MEMORY	
RAM (DDR3)	4GB ,1x SO-DIMM socket Supports max. 8 GB DDR3)
Flash Memory	32GB MLC (16GB usable & 16GB for Over Provisioning) in Primary
Redundant Flash	32GB MLC (16GB usable & 16GB for Over Provisioning) in Secondary

NETWORK	
LAN	x1 (10/100/1000 Base-T Fast Ethernet, RJ-45)
WLAN	Optional

I/O PERIPHERAL INTERFACE	
USB 2.0	x 6 (front 2x, rear 4x)
USB 3.0	1x
Serial Port	2x
Parallel port	1x
Other	Optional Security Lock

AUDIO	
Ports	Front & Back: Speaker-out x 1 , Mic-in x 1, (1/8-inch mini jack)

DIMENSION	
Device	212mm x 62.8mm x 210.6mm
Packaging	110mm x 312mm x 307mm
Net Weight	1.6 kg nett

POWER	
Adapter	100-240V AC, 50Hz, 19V/3.42A DC
Power Consumption	Maximum Rating 65W

Certification & Compliance	
BIS(Bureau of India Standards)	**Reg. No. R-67000159**
RoHS	RoHS Compliant

ENVIRONMENT	
Cooling	Fan-less Convection
Operation Temperature	0℃ to 40℃
Relative Humidity	30% to 90% non-condensing