

## Embedded Computing Client (ECC)- Linux

Breeze ECC-LXR is a highly efficient and powerful thin client for ATVM 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 kernel ver 3.10.x or above with X-window Interface
- Java Run Time Environment 1.6/1.8 Support
- Menu based Local Terminal Configuration Utility
- Firefox browser
- 10 /100/1000 Mbps LAN Interface
- TCP / IP with DNS, DHCP
- Telnet,FTP, RSH,Rexec, SSH,Cron,Rlogin support
- Compatibility for CRIS ATVM & SMC Application
- Remote Management Support
- SNMP support along with MIB-II
- Provision to enable/disable USB storage devices
- Automatic Application Startup feature
- CUPS Printing support
- Thermal Printer support
- Multi session/Multi host support
- Compatibility with Sybase Anywhere (ASA version 16 or above)
- Password protected local terminal configuration
- All the drivers for peripherals like display, printer and networking components
- Indian language printing support for Hindi & English by default and other language support as and when required
- Touch screen calibration utility
- API for interface of UPS

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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 & SVGA x 1
Monitor	Resolution 800x600,1366x768 & 1024x768

### MEMORY

RAM (DDR3)	4GB, 1x SO-DIMM socket Supports max. 8 GB DDR3
Flash Memory	32GB MLC/TLC (16GB usable & 16GB for Over Provisioning) in Primary
Redundant Flash	32GB MLC/TLC (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	3x or above
Parallel port	1x
Other	LVDS Optional

### AUDIO

Ports	Front & Back: Speaker-out x 1 , Mic-in x 1, (1/8-inch mini jack)
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### 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°C to 40°C
Relative Humidity	30% to 90% non-condensing

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