

# E133-X10 (rev. AAA1) Other SKU ▾

Edge Server - Intel® Xeon® E-2400 - 1U UP 2-Bay SATA

# Edge # Hybrid/Private Cloud Server



- Intel® Xeon® E-2400 Processors
- Intel® Pentium® Gold G7400 / G7400T Processor
- Single processor, LGA 1700
- Dual Channel ECC DDR5 UDIMM, 4 x DIMMs
- 2 x 1Gb/s LAN ports via Intel® I210-AT
- 1 x Dedicated management port
- 2 x 2.5" SATA hot-swappable bays
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 1 x FHFL PCIe Gen5 x16 or 2 x FHFL PCIe Gen5 x8 slots
- 1 x FHHL PCIe Gen4 x4 slot
- 1 + 1 550W 80 PLUS Platinum redundant power supplies



## SPECIFICATIONS

### Dimensions (WxHxD, mm)

1U  
438 x 43.5 x 520

### Motherboard

MX14-BL1

### CPU

Intel® Xeon® E-2400 Processors  
Intel® Pentium® Gold G7400 / G7400T Processor  
Single processor, TDP up to 95W

### Socket

1 x LGA 1700

### Chipset

Intel® C262

### Memory

4 x DIMM slots  
DDR5 memory supported only  
Dual Channel memory architecture  
DIMM modules up to 32GB supported  
ECC UDIMM modules supported only  
Memory speed: up to 4400 MT/s (1DPC), 4000 MT/s (2DPC/1R), 3600 MT/s (2DPC/2R)

### LAN

#### Rear side:

2 x 1Gb/s LAN ports (2 x Intel® I210-AT)  
Support NCSI function

1 x 10/100/1000 Mbps Management LAN

### Video

Integrated in Aspeed® AST2600  
2D Video Graphic Adapter with PCIe bus interface  
1920x1200@60Hz 32bpp

### Storage

#### Front side:

2 x 2.5" SATA hot-swappable bays

### SATA supported only

### SAS

N/A

### RAID

Intel® SATA RAID 0/1

### Expansion Slots

#### Riser Card CRCE021:

- 1 x PCIe x16 (Gen5 x16) FHFL slot or 2 x PCIe x16 (Gen5 x8) FHFL slots, from CPU

#### Riser Card CRSE016:

- 1 x PCIe x4 (Gen4 x4) FHHL slot, from PCH

1 x M.2 slot:

- M-key
- PCIe Gen4 x4, from CPU
- Supports 2280/22110 cards

### Internal I/O

1 x TPM header

### Front I/O

1 x USB 3.2 Gen1  
1 x Power button with LED  
1 x ID button with LED  
1 x NMI button  
1 x Reset button  
2 x LAN activity LEDs  
1 x Storage activity LED  
1 x System status LED

### Rear I/O

2 x USB 3.2 Gen1  
1 x Mini-DP  
2 x RJ45  
1 x MLAN  
1 x ID button with LED

### Backplane Board

Speed and bandwidth:  
SATA 6Gb/s

### TPM

1 x TPM header with SPI interface  
Optional TPM2.0 kit: [CTM010](#)

### Power Supply

1+1 550W 80 PLUS Platinum redundant power supplies

#### AC Input:

- 100-240V~/8-4A, 50-60Hz

#### DC Input: (Only for China)

- 240Vdc/2.75A

#### DC Output:

- Max 550W  
+12V/44A  
+12Vsb/2.1A

### System Management

Aspeed® AST2600 management controller  
GIGABYTE Management Console (AMI MegaRAC SP-X) web interface

Dashboard  
HTML5 KVM  
Sensor Monitor (Voltage, RPM, Temperature, CPU Status...etc.)  
Sensor Reading History Data  
FRU Information  
SEL Log in Linear Storage / Circular Storage Policy  
Hardware Inventory  
Fan Profile  
System Firewall  
Power Consumption  
Power Control  
Advanced Power Capping  
LDAP / AD / RADIUS Support  
Backup & Restore Configuration  
Remote BIOS/BMC/CPLD Update  
Event Log Filter  
User Management  
Media Redirection Settings  
PAM Order Settings  
SSL Settings  
SMTP Settings

### OS Compatibility

Please refer to OS compatibility table in support page

### System Fans

2 x 40x40x56mm (29,700rpm)  
2 x 40x40x56mm (32,000rpm)

### Operating Properties

Operating temperature: 10°C to 35°C  
Operating humidity: 8%-80% (non-condensing)  
Non-operating temperature: -40°C to 60°C  
Non-operating humidity: 20%-95% (non-condensing)

### Packaging Dimensions

782 x 588 x 212 mm

### Packaging Content

1 x E133-X10-AAA1  
1 x CPU heatsink  
1 x Mini-DP to D-Sub cable

\*Rail kit not included. Please refer to optional parts for compatible rail kit.

**Part Numbers**

- Barebone package: 6NE133X10MR000AAA1\*
- Motherboard: 9MX14BL1NR-000
- CPU heatsink: 25ST1-12311H-A7R
- M.2 heatsink: 12SP2-11000E-00R
- Front panel board - CFP1000: 9CFP1000NR-00
- Backplane board - CBP2023: 9CBP2023NR-00
- Fan module: 25ST2-405622-A0R/25ST2-40562H-A0R
- Riser card - CRCE021: 9CRCE021NR-00
- Riser card - CRSE016: 9CRSE016NR-00
- Mini-DP to D-Sub cable: 25CRN-200801-K1R
- Power supply: 25EPO-205505-F3S

**Optional parts:**

- 2-Section Rail kit (385-480mm): 25HB2-3A0204-K0R
- 2-Section Rail kit (660-840mm): 25HB2-3A0203-K0R

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\* Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.

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\* Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.