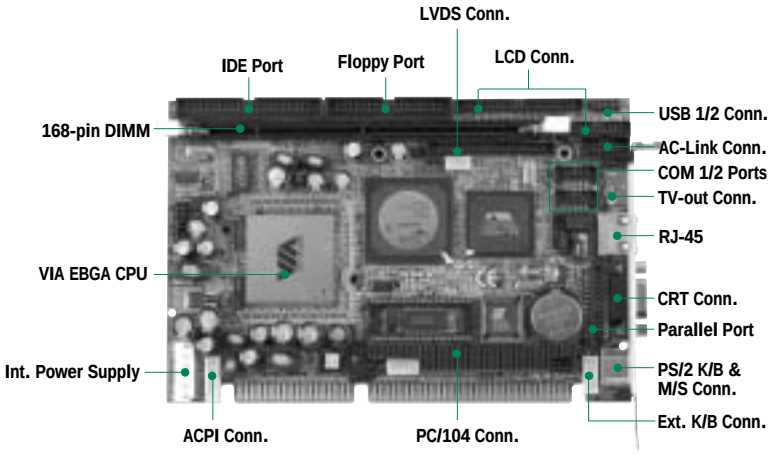
SBC82611

Eden/C3 ISA CPU Card with CF

Eden/C3 | Ethernet | CRT/LCD/TV | AC-Link | DOC/CF | PC/104 | 2 COM



FEATURES

- Ultra low power CPU less than 4 watts
- CRT, full LCD (TFT/STN/DSTN) and TV-out
- 10/100Base-T Ethernet
- AC-Link interface for external Audio
- CompactFlash™ and DiskOnChip®
- +5V only power input supported

SYSTEM

CPU	Onboard VIA ULP/LP Eden/C3 processor; 400/667/800MHz
System Memory	1 * SDRAM DIMM, Max. 512MB
Chipset	VIA VT8606 (Twister-T) + 82C686B
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	CompactFlash™ and DiskOnChip®
Watchdog Timer	0.5~1600 sec with 64 levels; system reset or NMI
Expansion Interface	PC/104 and ISA Golden Finger expansion interface
Battery	Lithium 3V/196 mAH
Power Consumption	Typical: 5V @ 3.8 A (C3-800 + 128MB) 5V @ 2.9 A (Eden-667 + 128MB) 5V @ 2.2 A (Eden-400 + 128MB) Max.: 5V @ 4.4 A
Size/Weight	185 * 122mm, 0.3kg
Temperature	0~60˚C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 * ATA-100 IDE, 1 * FDD, 1 * K/B + M/S, 1*RS-232, 1 * RS-232/422/485, 1 * LPT, 1 * IrDA
Ethernet	RTL8139C, 10/100Base-T with WOL
Audio	AC-Link interface for external AC'97 Audio codec kit (AX93100)
USB	2 * USB ports, USB 1.1a compliant

DISPLAY

Chipset	VIA Twister chip with integrated S3 Savage4 2D/3D/ Video accelerator
Memory Size	8/16/32 MB frame buffer sharing system memory
Resolution	CRT mode: 1920 * 1440 @ 16bpp (60Hz), 1024 * 768 @ 16bpp (85Hz) LCD/Simultaneous mode: 1600 * 1200 @ 16bpp (60Hz), 1024 * 768 @ 16bpp (60Hz)
LCD Interface	AGP-4X CRT/LCD interface, TTL signal supports STN, DSTN (16 or 24-bit), TFT, and Plasma LCD LVDS signal support TFT (18 or 36-bit)
TV-out (option)	Supports both NTSC/PAL, S-Video and composite video

PACKING LIST

Quick installation guide
Manual, driver & utility CD
I/O cable kit (1 * 40-pin IDE, 1 * 34-pin FDD, 1 * COM + LPT with bracket)

ORDERING INFORMATION

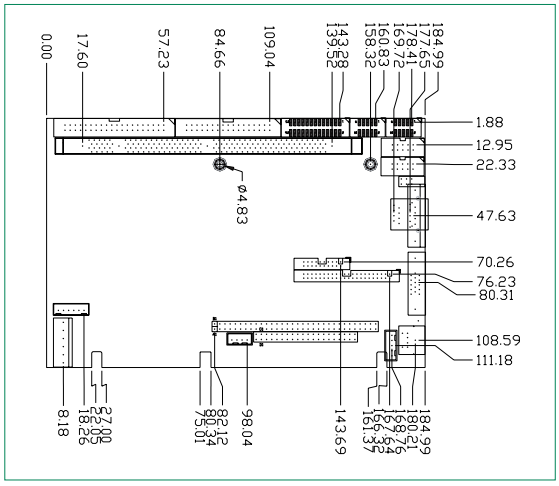
MOQ model

SBC82611VE-400	SBC82611 with Eden 400MHz CPU, CRT/LCD, Ethernet and AC-Link interface
SBC82611VE-667	SBC82611 with Eden 667MHz CPU, CRT/LCD, Ethernet and AC-Link interface
SBC82611VE-800	SBC82611 with C3 800MHz CPU, CRT/LCD, Ethernet and AC-Link interface

Optional

AX93100	AC'97 codec converter kit
CK9A000	1 * COM + 2 * USB wiring kit
PK8980	LCD kit for 18-bit TTL LCD with Hirose DF9-41P-1V connector
PK898A	LCD kit for 18-bit single channel LVDS LCD with Hirose DF9-41P-1V connector
PK95000-24	LCD kit for 24-bit single channel LVDS
PK95000-48	LCD kit for 48-bit dual channel LVDS
AX6033	4-slot MicroBox with 70W AC P/S
AX60530	6-slot MicroBox with 150W AC P/S
EM60320D	Embedded MicroBox with 70W AC P/S
ATX6020/4	4 -slot passive backplane
ATX6020/6	6 -slot passive backplane

DIMENSION



* All the specifications and photos are subjected to be changed without notice.