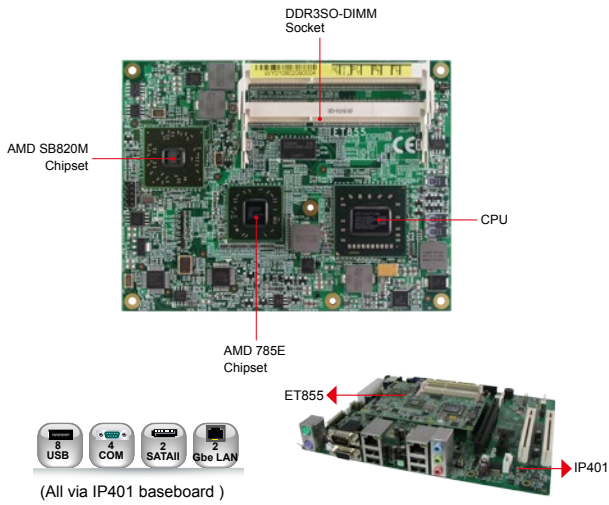


ET855

AMD Athlon™ II Neo COM Express CPU Module w/ AMD 785E Chipset



Features

- AMD Athlon™ II Neo / Turion™ II Neo processors on board, up to 2.2GHz
- 2x DDR3-1066 SO-DIMM, Max. 8GB
- Integrated VGA, supports CRT & LVDS
- 1x Gigabit LAN, HD audio, Watchdog timer
- 2x SATA III, 8x USB 2.0, 4x COM

Specifications

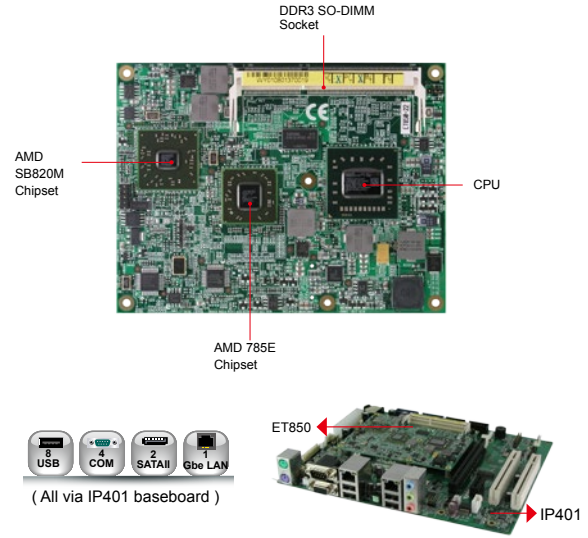
CPU	AMD Turion™ II Neo N54L processor on board (2.2GHz) AMD Athlon™ II Neo N36L processor on board (1.3GHz)
System Memory	2x DDR3-1066 (N54L) SO-DIMM, Max. 8GB (Non-ECC)
System Chipset	AMD 785E + SB820M
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	COM Express Type II interface
VGA Controller	AMD 785E built-in Radeon™ HD4200 graphics
VGA Memory	128MB DDR3 sideport frame buffer
Display Interface	Supports 24-bit dual channel LVDS (IP401)
LAN Controller	1x Realtek 8111DL as GbE#1 on board 1x Marvell 88E8053 as GbE#2 on baseboard (IP401)
Connector	On baseboard
I/O Chipset	Winbond W83627EHG on baseboard (IP401) 1x LPT, 1x KB, 1x mouse, 4x RS232, 2x SATA III
USB	8x ports via baseboard (IP401)
Audio	AMD SB820M built-in audio w/ Realtek ALC662 codec on baseboard (IP401)
Others	Digital I/O (4 in / 4 out) on baseboard (IP401)
Dimensions	95mm x 125mm (3.74" x 4.49")
Max. Power Requirement	AMD Turion™ II Neo N54L 2.2GHz w/ 2GB DDR3-1066 +3.3V: 0.75A +5V: 0.02A +12V: 3.27A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

ET855-22	AMD Turion™ II Neo N54L (2.2GHz), 785E, COM Express CPU module w/ Gigabit LAN
IP401	Flex ATX baseboard for COM Express CPU module

ET850

AMD Athlon™ II Neo COM Express CPU Module w/ AMD 785E Chipset



Features

- AMD Athlon™ II Neo / Turion™ II Neo processors on board, up to 2.2GHz
- 1x DDR3-1066 SO-DIMM, Max. 4GB
- Integrated VGA, supports CRT & LVDS
- Watchdog timer, HD Audio
- 2x SATA III, 1x Gigabit LAN, 8x USB 2.0, 4x COM

Specifications

CPU	AMD Turion™ II Neo N54L processor on board (2.2GHz) AMD Athlon™ II Neo N36L processor on board (1.3GHz)
System Memory	1x DDR3-1066 (N54L) SO-DIMM, Max. 4GB (Non-ECC)
System Chipset	AMD 785E + SB820M
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	COM Express Type II interface
VGA Controller	AMD 785E built-in Radeon™ HD4200 Graphics
VGA Memory	128MB DDR3 sideport frame buffer
Display Interface	Supports 24-bit dual channel LVDS (IP401)
LAN Controller	1x Realtek 8111DL as GbE#1 on board 1x Marvell 88E8053 as GbE#2 on baseboard (IP401)
Connector	On baseboard
I/O Chipset	Winbond W83627EHG on baseboard (IP401) 1x LPT, 1x KB, 1x Mouse, 2x SATA III 4x RS232
USB	8x ports via baseboard (IP401)
Audio	AMD SB820M built-in audio w/ Realtek ALC662 codec on baseboard (IP401)
Others	Digital I/O (4 in / 4 out) on baseboard (IP401)
Dimensions	95mm x 125mm (3.74" x 4.49")
Max. Power Requirement	AMD Turion™ II Neo N54L 2.2GHz w/ 2GB DDR3-1333 +3.3V: 1.02A +5V: 0.37A +12V: 2.42A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

ET850-22	AMD Turion™ II Neo N54L (2.2GHz), 785E, COM Express CPU module w/ Gigabit LAN
IP401	Flex ATX baseboard for COM Express CPU module