M2EX1G3U3B (DOS)

User's Manual

Bear Technologies
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Section 1 : Introduction

1. Product Feature

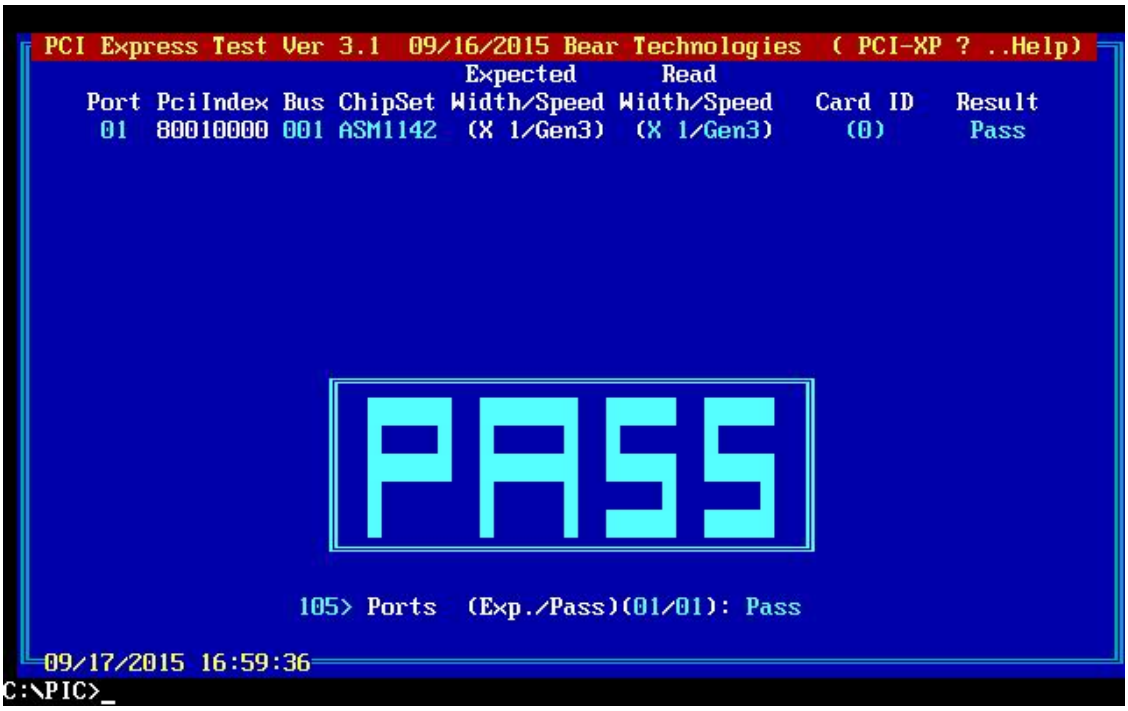
PCI-EXPRESS x1 Gen3 & USB 3.0 Test (Key B)

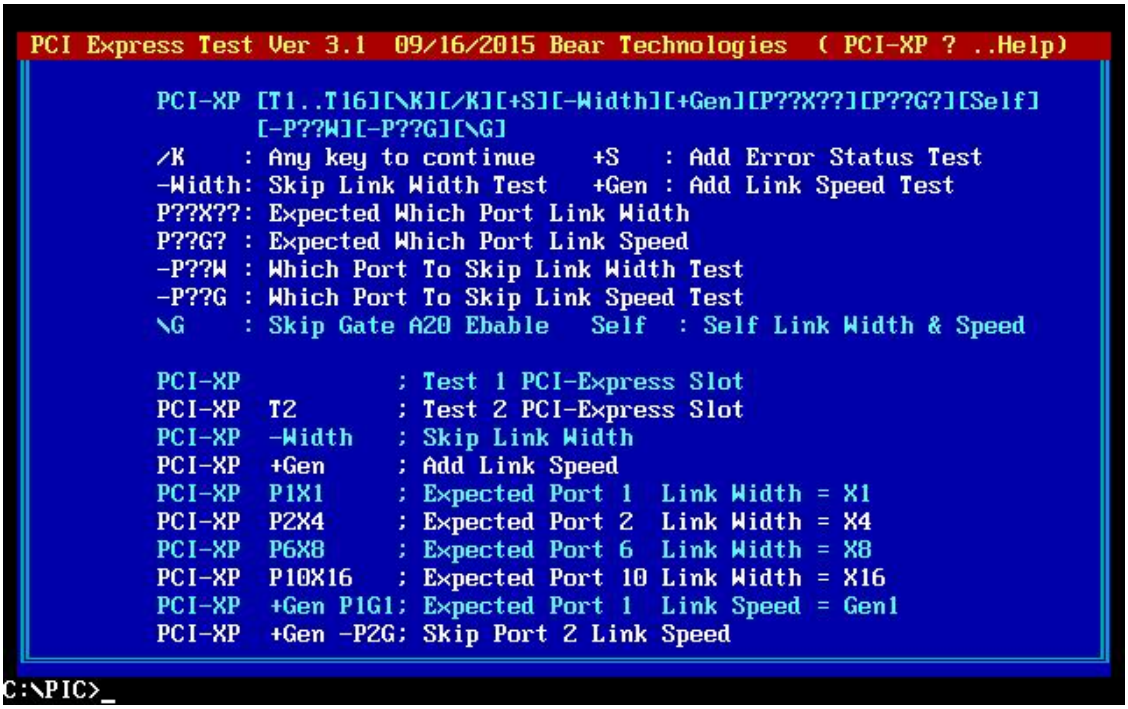
2. Accessories

M2EX1G3U3B B101 test card * 1

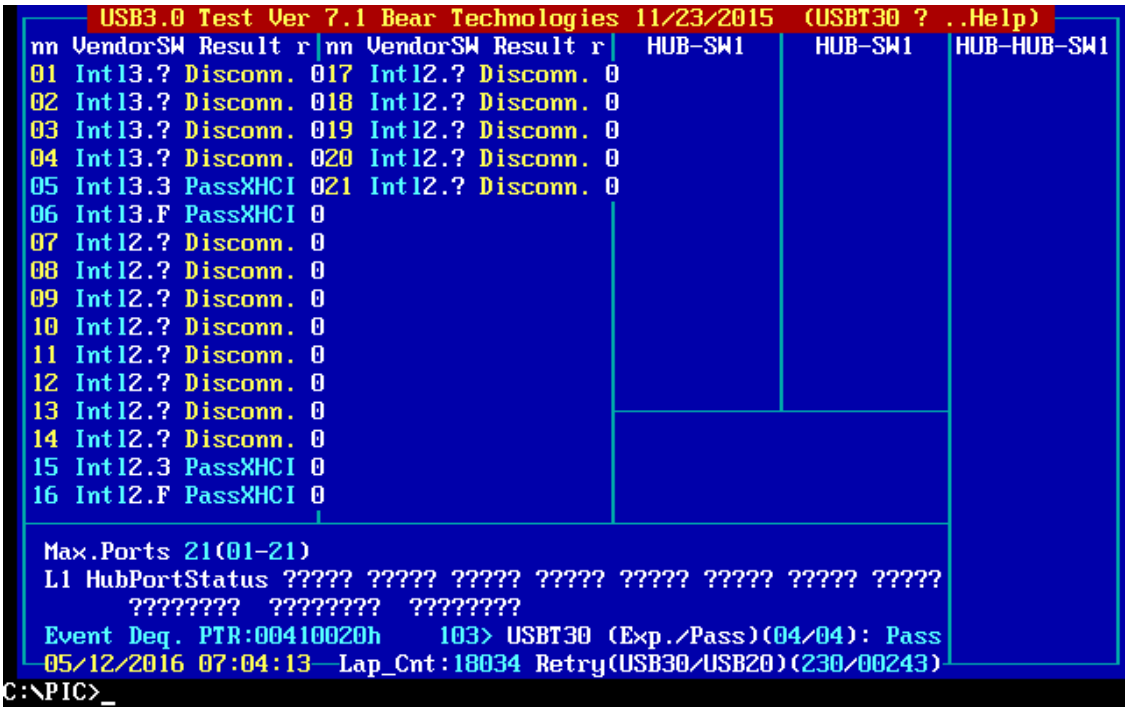
Section 2 : Common Program Syntax

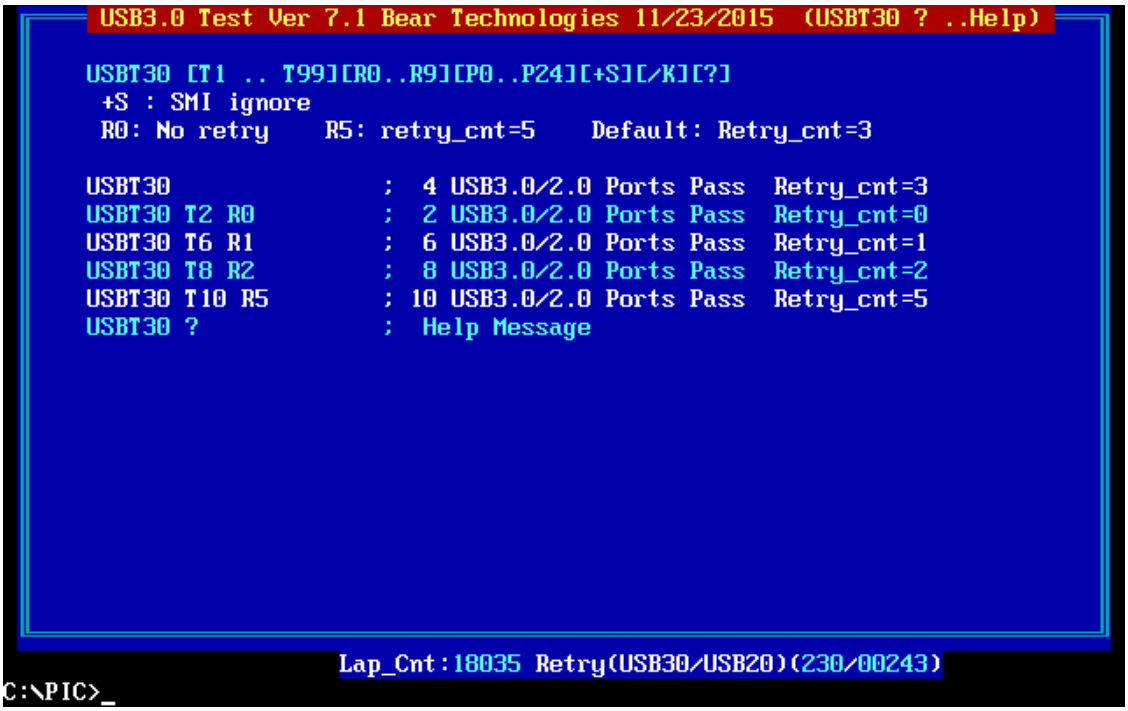
2-1> Filename: PCI-XP.COM





2-2> Filename: USBT30.COM





Section 3 : Testing Principle

A. Fuction:

PCI express x1 Gen3 & USB 3.0 real test.

A. To wake use of PCI express TO USB Bridge capability by ASM1142.

B. Using ASM1351 to transmission data realistically

B. Compatibility:

1. The mother board with M.2 Key B Slot

C. Efficiency and Completeness:

1. Only requires one test program (PCI-XP.COM ? Help Message) to complete the 1~16 PCI Express slots and the process only test 1 second

2. Only require one test program (USBT30.COM ? Help Message) to complete the USB 3.0

D. Operating Procedure:

1. Connect test card to M.2 Key B Slot
2. Boot up the system to DOS platform
3. Execute **PCI-XP.COM & USBT30.COM**

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